

20001211.qrp v02\_n033.qrl.20001211

Date: Mon, 11 Dec 2000 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2033

### QRP-L Digest 2033

Topics covered in this issue include:

- 1) [85988] Trade HTX-10 for LDG Antenna Tuner?  
by Jeff <fantbb@yahoo.com>
- 2) [85989] Piano-style Iambic Keying  
by "Bruce Prior" <n7rr@hotmail.com>
- 3) [85990] FOX: Results have been posted  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 4) [85991] color code  
by Fran Flynn <fflynn@together.net>
- 5) [85992] AT in PA Dec. 10, 2000 Summary (Long)  
by "Ron Polityka" <wb3aal@fast.net>
- 6) [85993] keep in mind those of us in digest mode  
by Fran Flynn <fflynn@together.net>
- 7) [85994] re: magnifiers  
by baltimoremd@baltimoremd.com
- 8) [85995] OT - LOOK TO THE SW  
by hamjoel@juno.com
- 9) [85996] CONTESTS- 10m Phone K9IUA QRP  
by Kevin L Anderson <k9iua@juno.com>
- 10) [85997] MIKE MARCH  
by W2BJ <barry@minsky.org>
- 11) [85998] RE: Need Nevada?  
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 12) [85999] Re: magnifiers  
by neil <neil@aade.com>
- 13) [86000] Contest: K7RE Results ARRL 10 M  
by Brian Kassel <bkassel@dancris.com>
- 14) [86001] AA1MY off "suspend"  
by S LYON <sslyon@worldnet.att.net>
- 15) [86002] Reminder - Change of QRP ARCI Awards Manager  
by Radioham <radioham@home.com>
- 16) [86003] Re: AT in PA Dec. 10, 2000 Summary (Long)  
by Brian <brian@iquest.net>
- 17) [86004] Cub FOX for Monday evening  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 18) [86005] K2 Milliwattting in the 10 Meter Contest  
by Larry S Cahoon <wd3p@juno.com>
- 19) [86006] Seab

- by "Tom Whalen" <wb5qyt@abq.com>
- 20) [86007] Re: Magnifier  
by Russ Dow <n7dw@prodigy.net>
- 21) [86008] 10 meter contest DX  
by KB7WW Art Moe <kb7ww@chatusa.com>
- 22) [86009] Re: Morse Code Cards  
by "Ron, KU7Y" <ku7y@qsl.net>
- 23) [86010] 10m CW Contest  
by "Ron, KU7Y" <ku7y@qsl.net>
- 24) [86011] Re: What IS "real" QRP?  
by "Ron, KU7Y" <ku7y@qsl.net>
- 25) [86012] Contest: K2 #525 results ARRL 10m  
by Jeff Stai WK6I <jstai@home.com>
- 26) [86013] re: magnifiers  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 27) [86014] FOX log again #14  
by Don Minkoff <cowchip@mediaone.net>
- 28) [86015] INRAD Filters?  
by K4YBB@aol.com
- 29) [86016] Re: [fpqrp] ARRL 10 M contest at AC7CF  
by Brian <brian@iquest.net>
- 30) [86017] RE: minicircuits labs  
by "Mark Fancher" <mmfancher@earthlink.net>
- 31) [86018] Re: [Elecraft] Bad Eyes - need magnifying suggestion.....  
by "John Moriarity" <k6qq@hdo.net>
- 32) [86019] Re: Magnifier  
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>
- 33) [86020] Off-Electric Power Grid Ham Radio  
by "Ron McConnell" <rcmcc@lucent.com>
- 34) [86021] OP: ARRL 10-M Contest report  
by Lee Hopper <leehop@uswest.net>
- 35) [86022] Re: Piano-style Iambic Keying  
by Bill Jones <kd7s@psnw.com>
- 36) [86023] Re: Inrad Group buy for KNWD TS-570  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 37) [86024] unsubscribe kt8dx@aol.com  
by KT8DX@aol.com
- 38) [86025] Re: keep in mind those of us in digest mode  
by "Mike Yetsko" <myetsko@insydesw.com>
- 39) [86026] RE: K2 Milliwatting in the 10 Meter Contest  
by "John L. Sielke" <w2agn@pobox.com>
- 40) [86027] Help with no tx output  
by Vic Winton <Vic.Winton@trafford-press.com>
- 41) [86028] Re: Why HTML mail is bad. [was: AOL 6.0 Is A Problem]  
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [86029] RE: K2 Milliwatting in the 10 Meter Contest  
by Ed Lawson <elawson@lawson-philpot.com>
- 43) [86030] RE: [fpqrp] QRP: WB6JBM/4

- by Richard Powell <ripowell@mpna.com>
- 44) [86031] Fox - Team results  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 45) [86032] Re: Help with no tx output  
by Phil Wheeler <w7ox@earthlink.net>
- 46) [86033] Re: unsubscribe kt8dx@aol.com  
by John Wagner <john@neknetwork.com>
- 47) [86034] FS: TenTec 1320  
by John Wagner <john@neknetwork.com>
- 48) [86035] ARRL 10M @ milliwatts & mW/M  
by Jim Hale <kj5tf@yahoo.com>
- 49) [86036] RE: OT-Furnace RFI  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 50) [86037] RE: TT- II - 20 / 10  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 51) [86038] Announcement: Dual Cub Fox Hunt on Wednesday  
by Dave Sjolín <sjolin@swbell.net>
- 52) [86039] Foot in mouth  
by fflynn@together.net
- 53) [86040] OT: Lost Key Found!  
by Phil Wheeler <w7ox@earthlink.net>
- 54) [86041] finding your old qsl card  
by "kw3u@warwick.net" <kw3u@warwick.net>
- 55) [86042] What IS "real" QRP?  
by Bcieslak@ra.rockwell.com
- 56) [86043] K2 on PSK31 "We have a problem folks"  
by Jim Hale <kj5tf@yahoo.com>
- 57) [86044] FOX HISTORY- The 1994/1995 Foxhunt - Complete Logs!  
by "Ron, KU7Y" <ku7y@qsl.net>
- 58) [86045] Namibia on 10m 1720Z  
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 59) [86046] RE: Elmer: Vertical Antenna Question  
by schoon@amgt.com
- 60) [86047] RE: finding your old qsl card  
by "AI2Q Alex" <ai2q@ispchannel.com>
- 61) [86048] Re: Balanced Line vs. Coax Feed  
by Bill Coleman <aa4lr@arrl.net>
- 62) [86049] ZM-2 Front Panel Construction  
by Curt Milton <wb8yyy@yahoo.com>
- 63) [86050] Re: Magnifier  
by NB6M@aol.com
- 64) [86051] Close one!  
by "John L. Sielke" <w2agn@pobox.com>
- 65) [86052] Fox Cub Hunt #16  
by Fred Lesnick <flesnick@tbaytel.net>
- 66) [86053] Invitation to 9th O-QRP-Test  
by mike.mhe@t-online.de (Michael Haugrund)
- 67) [86054] Ready for 13 th HOT-PARTY logs

- by mike.mhe@t-online.de (Michael Haugrund)
- 68) [86055] RE: Pacemaker - RF  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 69) [86056] (OT)PSK31 and the Ten Tec Scout/ Argo 555/556  
by "Pastor-KC1DI" <elbc@pivot.net>
- 70) [86057] Re: Need homebrew data.  
by Charlie Panek <charlie\_panek@agilent.com>
- 71) [86058] OT: Christmas Day Eclipse  
by "Mike Yetsko" <myetsko@insydesw.com>
- 72) [86059] Cub FOX hunt tonight  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 73) [86060] Need your articles!  
by Shephed@aol.com
- 74) [86061] How to troubleshoot mystery problems  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 75) [86062] cap degreasing  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 76) [86063] Re: ZM-2 Front Panel Construction  
by "bob baxter" <rbaxter@cybertrails.com>
- 77) [86064] Re: ARRL 10M @ milliwatts & mW/M  
by Larry S Cahoon <wd3p@juno.com>
- 78) [86065] Re: K2 Milliwatting in the 10 Meter Contest  
by Larry S Cahoon <wd3p@juno.com>
- 79) [86066] Return of the Golden Fox  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 80) [86067] Jupiter from Ten Tec also Pegasus  
by "Karl F. Larsen" <k5di@zianet.com>
- 81) [86068] Re: Variable Cap Bearing Grease / ultrasonic cleaner  
by "M05aaa01" <merryprankster@CWCOM.NET>
- 82) [86069] Re: Balanced Line vs. Coax Feed  
by Rick McKee <kc8aon@juno.com>
- 83) [86070] OT: Question regarding care of aluminum antenna elements  
by agtaylor@llnl.gov
- 84) [86071] Re: Jupiter from Ten Tec also Pegasus  
by "Victor Blackwell" <victor@brechnet.com>
- 85) [86072] Re: HW8 Transistor Sub Question  
by "Winston F. Jones" <winjones@ix.netcom.com>
- 86) [86073] Coax vs. balanced line for 72 ohm case OR multifrequency cases  
by "Stuart Rohre" <rohre@arlut.utexas.edu>

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Date: Sun, 10 Dec 2000 16:48:15 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [85988] Trade HTX-10 for LDG Antenna Tuner?  
Message-ID: <20001211004815.20711.qmail@web10004.mail.yahoo.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I have a HTX-10 RS 10 meter rig I would really like to trade for a LDG QRO antenna tuner or even the QRP one. Any one interested?

Happy Holidays and 73!

Jeff

=====

AB6MB

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NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

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Date: Mon, 11 Dec 2000 00:49:34

From: "Bruce Prior" <n7rr@hotmail.com>

To: n7rr@hotmail.com

Subject: [85989] Piano-style Iambic Keying

Message-ID: <F123ytaugl6BffbMwYc00009f4a@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

A few years ago I bought a unique key from Kitano Keys which is an iambic keying mechanism whereby the operator depresses two keys piano-style to control the dits and dahs of an iambic keyer. The Kitano key is a solid, but rudimentary implementation of the idea. The November/December 2000 issue of the British journal *Morsum Magnificat* shows on page 25 what appears to be a more sophisticated piano-style key, the Hi-Mound model MK-708. That model is not among the Hi-Mound keys featured on the Milestone Technologies Morse Express website, <http://www.morsex.com>. The new Yaesu FT-817 QRP transceiver allows the use of the DWN and UP buttons on the microphone to control the built-in keyer in a similar fashion. I've tried to train my fingers to play the Kitano key, but I pronounced them a dismal failure. Has anybody else been successful at sending Morse at a conversational speed using piano-style iambic keying? Thanks.

72, Bruce Prior N7RR in Blaine, WA

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Date: Sun, 10 Dec 2000 18:03:19 -0700  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [85990] FOX: Results have been posted  
Message-ID: <3A33C567.27533.8DB452@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The Foxhunt Results have been posted at <http://www.cqc.org/fox> .

With best wishes for a Merry Christmas and a Happy New Millennium...

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Sun, 10 Dec 2000 20:23:21 -0500  
From: Fran Flynn <fflynn@together.net>  
To: qrp-l Discussion <qrp-l@Lehigh.EDU>  
Subject: [85991] color code  
Message-ID: <3A342C89.9CBAC3A2@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Same as for resistors

I have several inductors that have colored bands that indicate what the component value is. Can someone share with me the color code used for inductors ?

Regards,

-----  
Date: Sun, 10 Dec 2000 20:36:58 -0500  
From: "Ron Polityka" <wb3aal@fast.net>  
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>

Subject: [85992] AT in PA Dec. 10, 2000 Summary (Long)  
Message-ID: <012101c06312\$dacb6da0\$36065cd1@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Today I set out to hike about 3 miles of the Appalachian Trail in PA. I also wanted to try out my new light weight 40 meter dipole that I have recently made.

I arrived at the parking lot around 10:30 AM. The temperature was around 28 to 30 degrees F. with a light wind and overcast sky. I put on my backpack and headed out to a location called Round Head. This is about a 3 mile hike which should take around an hour to hike. I was bundled up with a good parka and quilted outdoor pants. About a half of mile in I seen two swans nestled in a pile of leaves. I was very surprised but I remembered that there is a shelter near by which has a year round attendee. I figured that the birds belong to the shelter.

After hiking for about 30 minutes I noticed my breathing was very labored, I contributed this to the cold air. I took frequent 1 minute stops to regain my breath. I noticed that I was sweating very heavy and I did not want to stop too long for fear of catching a chill. I came upon a ridge where I could see my final destination which looked far away. The wind was blowing hard and I had thoughts of turning back. But after a brief rest I decided to continue. I know there were many people worried about me in the cold. Especially since I had three throat surgeries back in September of this year. But I work as an electrician and a lot of my work is outdoors or in a building with no heat and open walls. So I am use to the cold and my body gives off a lot of heat. just ask my wife and my two cats, Louie and Scarlett, the cuddle up close to me in the winter months.

I continued on where the trail goes down into a ravine. To my surprise I came across a dozen boy scouts hiking with their scout master. I stop briefly and asked where they were hiking from and they told me the following. They started at route 183, this is my usual hiking area, and they camped out over night. They were heading to route 501. I told them that they had about 1.5 miles to go. I wished the good luck and started up the other side of the ravine.

I arrived at my final location around 12 noon or 17:00 UTC. I found a good spot to set up my tent and antenna. After about a 45 minute setup I stripped off my heavy pants and parka. I was wearing my summer AT stuff under my heavy parka and pants which were soaking wet. I put on a fleece pull-over and jumped into the tent. After a few minutes in the tent I notice a thin

ice coating on the inside walls of the tent. I opened the vent on the top and the ice started to disappear.

I called CQ at 17:45 UTC and worked my first station. The following is my log of stations I worked.

17:45	WB2PEF	NY	H- RST 579	M-RST 559
18:01	W8YMO	OH	H-RST 569	M-RST 579
18:09	AB4PP/QRP	NC	H-RST 549	M-RST 559
18:18	WB3GCK	PA	H-RST 579	M-RST 569
18:27	AA2VK	NY	H-RST 589	M-RST 559
18:46	AA3UR	PA	H-RST 569	M-RST 589
18:56	VE3ELA	Ont	H-RST 559	M-RST 449
19:08	W2AGN	NJ	H-RST 599	M-RST 579

At the 18:18 UTC I decided to cut my trip short due to falling temperatures and strong winds. I asked Craig to post something on the internet that I will be going QRT in 45 minutes. My light weight dipole had 20 feet of RG-8X coax with a SWR of 1.05 to 1. The antenna was only about 10 feet off the ground and pointed in a North/South direction. The ends were actually a little higher than the center due to some overhead branches. I was very happy with the performance of the dipole with my SW-40+ running 1.5 watts output.

Now I was a little bit dryer and the hot chocolate warmed me up also. I heard something outside and it was sleeting. So I broke camp and started to hike out around 2:55 PM. I decided not to wear the heavy pants back and to leave my parka open about half way. This help me stay dry and cool. I arrived back at my car at 3:59 PM. Wow I did 3 miles in just about 1 hour. Now I did take a could of 1 minute breaks up the hills. Next time I plan to go out I am dressing light and taking along the heavy parka for the camp site. I think this will allow me to stay longer and keep dry.

I had a ball and I would like to thank those who made a QSO with me. It made the time go real fast. The only draw back was all those guys that were tuning up on the frequency I was chatting on. The QRM made me move down to 7.035 at one time for about 10 minutes. I was CQing but I had no replies. As soon as I went back to 7.040, when it was clear, the QSO's picked back up.

When I got home I jumped onto the scale to see what kind of weight I was carrying. I carried 55 lbs, which included my clothing, tent, chair and radio equipment.

Check [www.n3epa.org/Pages/AT/AT%20in%20PA.htm](http://www.n3epa.org/Pages/AT/AT%20in%20PA.htm) on Monday evening around 7 PM and I will have some pictures on this site of my trip. You can look for me on the AT in January 2001 sometime. I plan to hit the trail once every month, more in the summer months. Hi



Thanks Again & Happy Holidays!!  
72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv  
<http://www.n3epa.org>  
Eastern Pennsylvania QRP Club Call  
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1	ARRL Life Member
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI QRP #153
VA QRP Society #45	MI QRP #1703
K2 sn1392	NJ QRP #179

-----  
Date: Sun, 10 Dec 2000 20:35:04 -0500  
From: Fran Flynn <fflynn@together.net>  
To: qrp-l Discussion <qrp-l@Lehigh.EDU>  
Subject: [85993] keep in mind those of us in digest mode  
Message-ID: <3A342F48.4908460@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There was a posting about someone being on the App trail on Sunday.  
I did not get that posting untill Sunday night. If you are posting  
an event, please consider that some of us might not read it untill  
the next day's evening. I would have liked to work the AT today.

Thanks,

Fran Km1z

-----  
Date: Sun, 10 Dec 2000 20:52:56 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: neil <neil@aaade.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [85994] re: magnifiers  
Message-ID: <Pine.BSI.4.05L.10012102052050.14731-1000000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Dec 2000, neil wrote:

> This will do the job on your monitor screen and  
> it's free  
> <http://members.tripod.com/avargas/magnifier.zip>

Well, the file I got is one of those do-nothing deals that you have to chase around the screen...if it's a joke, it's not funny.

../  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>	Baltimore's Home Page
<a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a>	Home of the Baltimore Lexicon
<a href="http://www.zerobeat.net">http://www.zerobeat.net</a>	Home of The QRP Web Ring and Drake Mail List Pages

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Date: Sun, 10 Dec 2000 20:43:04 -0500  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [85995] OT - LOOK TO THE SW  
Message-ID: <20001210.204426.-456017.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I've been reading the passionate orations for some of our most respected and knowledgeable qrp enthusiasts...antennas, cw, and the right way verses the other way...

I walked outside to see the moon and run this across my mind a bit... seems qrp, low power operations, is not the unifying method of operating as long before...

The equipment is better the kits are more straight foreward and more bang for the buck... yet folks seem un-happy...

Then I looked SW just above the horizon at a little star slowly blinking and wished my Pepper was back with me... and the little star just blinked and blinked...

perhaps we should all take a deep breath and step back a moment... somehow I think we have missed the point of it all....

KE1LA JOEL  
IN MAINE  
MAINELY FREEZIN AT 0\* F

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-----  
Date: Sun, 10 Dec 2000 20:44:31 EST  
From: Kevin L Anderson <k9iua@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [85996] CONTESTS- 10m Phone K9IUA QRP  
Message-ID: <20001210.193754.5087.1.K9IUA@juno.com>

Got on 10meters for two hours and 1 minute today  
(it was my wife's birthday, and between it and doing  
the laundry I didn't have much time) to see what I could  
do in a limited QRP single-op S&P SSB operation.

71 Qs at 2 points each, with 23 states/provinces and  
3 DX entities, which is a claimed score of 3,692.

Rig was the Ten Tec Scout at 5 w to the 55 ft  
inverted vee up only about 22 or so feet at peak.  
Just started at 28,300 Mhz and worked my way up.

Not much but I will submit the log, once I get it all  
edited/formated in Cabrillo -- I hand logged and am  
typing it in.

Cheers/73. Kevin, K9IUA, from North Dakota  
where it is about -6 degrees Fahrenheit at 0140 UTC  
and heading down to about -15 or so by morning.  
\*\*\*\*\*  
Kevin Anderson, K9IUA, Lincoln/Bismarck ND  
e-mail: K9IUA@juno.com Opinions all my own.  
\*\*\*\*\*

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<http://dl.www.juno.com/get/tagj>.

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Date: 10 Dec 2000 17:49:26 -0800  
From: W2BJ <barry@minsky.org>  
To: qrp-l@Lehigh.EDU  
Subject: [85997] MIKE MARCH  
Message-ID: <20001211014926.16529.cpmata@c001.snv.cp.net>  
Content-Type: text/plain  
Content-Disposition: inline  
Mime-Version: 1.0

Thanks to everyone who gave Mike March'a E-mail address. I have been able to contact him.

72/73,  
Barry J. Minsky, W2BJ  
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L,  
FISTS #2701, Century Club #569, Platinum #51,  
Silver #119, FISTS CW Club of Coastal Georgia,  
Knightlites, Adventure Radio Society #359, QCWA  
#29298, OOTC #3723, SOC #193, K2 #577, K1  
#98

-----  
Date: Sun, 10 Dec 2000 20:49:40 -0500  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdan.org>  
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [85998] RE: Need Nevada?  
Message-ID: <LPBBJAGIPFHKPJENAKLOCEPMDCAA.n1bq@wulfdan.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: wb2vuo@juno.com  
> Sent: Saturday, December 09, 2000 22:16 PM  
>

> [snip]

> Keep in mind that from the inception of the Novice license,  
> up until it was restructured in the 70's, the Novice was a  
> 1-year non-renewable license. Earning the coveted Worked  
> All States within your one calendar year, especially  
> considering that your license might take 2 to 3 weeks to  
> first arrive was quite an accomplishment.

I dunno about the whole era, but my Novice WN2YKL issued in 1961, was two years non-renewable and my Tech, WA2YKL, issued in 1962 (non-concurrent and privileges not overlapping the with the Novice) was five years renewable. And, the Novice took closer to six weeks to arrive.

> No one considered it "breaking the rules" or "cheating" by  
> using skeds for the hard-to-get states. It still is not, and  
> posting your requests or your proposed operating schedules  
> on a website, Email list, Reflector or Packet is just an  
> application of upgraded technology.

Agreed, in simple words, go with the flow, things do change, and the rules say nothing about staying lodged in the past!

> Need Nevada? Sorry to hear it, and the best of luck. You  
> are in Nevada, and available for contacts for WAS, GREAT!  
> Shout it to the world, and more power to you!!!

Tell me about it. I participated in my first HF "Contest" (other than Field Day competition), the ARRL 10 Meter affair this weekend ... let me tell you "Five Nine Victor Tango" is greeted universally with emphatic "Thankyou, thankyou!" ... we Vermonters are quite welcome in that contest at least!!!!!!

> Can't stand the fact that someone used a High-Tech "Cheat" for  
> WAS/WAC/WAZ/DXCC/Etc? Then cancel your ISP account, smash  
> your computer, go sit in a smokey room with the rest of your  
> Luddite associates and enjoy your pure lifestyle, but don't whine  
> to us about ours.

... amen

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

mailto:n1bq@wulfdn.org

AMSAT LM-1418 NJQRP #274

QRP-L #2276 Zombie #768

-----

Date: Sun, 10 Dec 2000 18:00:09 -0800  
From: neil <neil@aaade.com>  
To: baltimoremd@baltimoremd.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [85999] Re: magnifiers  
Message-ID: <3A343529.19498EC4@aaade.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sorry about that. No joke intended I assure you.  
Just my mistake in not checking it out  
thoroughly.  
Win 98 has a magnifier built in if it was  
installed. If not you can install it from your  
Win98 CDRom.

I appologise, I goofed in not checking it out.

--  
Neil  
<http://www.aaade.com>  
<mailto:neil@aaade.com>  
Almost All Digital Electronics  
1412 Elm St. SE  
Auburn, WA 98092  
253-351-9316

-----  
Date: Sun, 10 Dec 2000 19:21:56 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>  
Subject: [86000] Contest: K7RE Results ARRL 10 M  
Message-ID: <3A343A44.4E33E655@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Band	QSOs	Points	Mult's
10	417	1668	50
Totals	417	1668	50

I worked 31 countries, but no new ones, + M6Q, which I can't figure what country the prefix refers to, anyone know for sure?

I worked all states but: DE, NM, ID, MT, UT, and WY. I worked all Canadian provinces but: LB, NS, NT, NU, PE, and QC. I heard PQ and QC, but never could find them to work, as they were calling other stations, and it wasn't their frequency.

Total Score: 140,112 Points

Total time was around 22 hours. I actually got to do some CQ'ing, and got maybe 50 QSO's that way. All the rest where S & P.

Rig: K-2, 5W to 3 element trapped triband beam up 35 feet.  
Software: QRPDUPE.

I'm glad that I read the propagation report AFTER I worked the contest! One has to wonder: If there was so much DX to be had when the band is supposed to be closed, what are we all missing when it is supposed to be open, and there are virtually no signals heard? Call CQ on 10M. Call CQ on 10M often. Call when you are soldering. Call when you are just hanging around in the shack. Call, and they WILL COME ;)

Brian K7RE  
AZ ScQRPions

-----  
Date: Sun, 10 Dec 2000 21:41:00 -0500  
From: S LYON <sslyon@worldnet.att.net>  
To: chat qrp <qrp-1@Lehigh.EDU>  
Subject: [86001] AA1MY off "suspend"  
Message-ID: <3A343EBC.8842BDB3@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings, all! Well it been quite an epoch in our lives since I "suspend"-ed early November. We've moved to Maine (see address at bottom) and are semi settled after a real trial by fire. Still living among boxes of stuff, no hamming yet, but on the bright side I motored over to Steve's place ("melt solder) a half hour away in New Hampshire and picked up one of his 15m kits today. Now have that and a Warbler to build to while away the cold snowy nites... whenever I get the slack to build a shack! I've really missed you folks and look forward to catching up on QRP current events. I'll be putting up some kind of wire as soon as the weather gets bad enough... be seeing you soon! 72, -s-  
--

NEW HOME ADDRESS !

=====  
'Seab' Lyon - AA1MY  
99 Sparrowhawk Mtn Rd.  
Bethel, Maine 04217  
QRP-L 574 ARCI 9253

-----  
Date: Sun, 10 Dec 2000 21:34:10 -0500  
From: Radioham <radioham@home.com>  
To: qrp-l@lehigh.edu  
Subject: [86002] Reminder - Change of QRP ARCI Awards Manager  
Message-ID: <5.0.2.1.0.20001210212701.00a118a0@netmail.home.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

As this is December 10, I want to remind everyone that WI8W, Thom, has taken over the job of awards manager for QRP ARCI. All applications for awards from today forward should be sent to:

Thom Durfee, WI8W  
2781 Woodlake Road SW, #4  
Wyoming, MI 49509

Thom's e-mail address is wi8w@arrl.net, should you have any questions for him. I will forward any mail I receive to him so he can issue your award. If I get your application and you sent a check made out to me, don't worry, I will cash it and then send him the money. Same with cash, I'll just send him a check for the amount. Please, as you have been doing so well with me, make your checks out to Thom Durfee, not QRP ARCI.

Due to the holiday season, Thom will not be issuing any awards until after January 5, 2001. In addition, the fees for awards applications dated after January 1, 2001 will increase to \$4.00 for domestic US applications (including AK and HI) and \$5.00 for applications received from outside the US. This is necessary due to the steep rise in postage and printing costs over the last 20 or so years since the application fee was last set at \$2.00.

Happy QRPing and I will you all a wonderful holiday season.

72/73,

Steve, N4EUK  
Reston, VA  
Former QRP ARCI Awards Manager



-----  
Date: Sun, 10 Dec 2000 21:35:24 -0500  
From: Brian <brian@iquest.net>  
To: wb3aal@fast.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86003] Re: AT in PA Dec. 10, 2000 Summary (Long)  
Message-ID: <3A343D6C.FF1B0913@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ron,

I read your story with absolute fascination. I wish I was with you. I know when I am hiking in the cold, say windy and below 35F, I have a hard time keeping my wind. I have to travel about half as fast as I do in the warm, and I'm a big fat ham radio guy so that isn't all that fast either. You must be in awesome shape to lug 55 lbs to your site in the sleet and cold.

I do more winter camping than I do summer camping. My sons are grown up now and it's not so cool to do the camping thing with dad anymore but I do love the cold weather outings. Check out my scout troop website sometime. Lots of pics.

<http://friends.bellind.com/troop120>

72 es way to go!

Ron Polityka wrote:

>  
> Hello,  
>  
> Today I set out to hike about 3 miles of the Appalachian Trail in PA. I  
> also wanted to try out my new light weight 40 meter dipole that I have  
> recently made.  
>  
> I arrived at the parking lot around 10:30 AM. The temperature was around 28  
> to 30 degrees F. with a light wind and overcast sky. I put on my backpack  
> and headed out to a location called Round Head. This is about a 3 mile hike  
> which should take around an hour to hike. I was bundled up with a good  
> parka and quilted outdoor pants. About a half of mile in I seen two swans  
> nestled in a pile of leaves. I was very surprised but I remembered that  
> there is a shelter near by which has a year round attendee. I figured that  
> the birds belong to the shelter.  
>

> After hiking for about 30 minutes I noticed my breathing was very labored,  
> I contributed this to the cold air. I took frequent 1 minute stops to regain  
> my breath. I noticed that I was sweating very heavy and I did not want to  
> stop too long for fear of catching a chill. I came upon a ridge where I  
> could see my final destination which looked far away. The wind was blowing  
> hard and I had thoughts of turning back. But after a brief rest I decided to  
> continue. I know there were many people worried about me in the cold.  
> Especially since I had three throat surgeries back in September of this  
> year. But I work as an electrician and a lot of my work is outdoors or in a  
> building with no heat and open walls. So I am use to the cold and my body  
> gives off a lot of heat. just ask my wife and my two cats, Louie and  
> Scarlett, the cuddle up close to me in the winter months.

>  
> I continued on where the trail goes down into a ravine. To my surprise I  
> came across a dozen boy scouts hiking with their scout master. I stop  
> briefly and asked where they were hiking from and they told me the  
> following. They started at route 183, this is my usual hiking area, and they  
> camped out over night. They were heading to route 501. I told them that they  
> had about 1.5 miles to go. I wished the good luck and started up the other  
> side of the ravine.

>  
> I arrived at my final location around 12 noon or 17:00 UTC. I found a good  
> spot to set up my tent and antenna. After about a 45 minute setup I stripped  
> off my heavy pants and parka. I was wearing my summer AT stuff under my  
> heavy parka and pants which were soaking wet. I put on a fleece pull-over  
> and jumped into the tent. After a few minutes in the tent I notice a thin  
> ice coating on the inside walls of the tent. I opened the vent on the top  
> and the ice started to disappear.

>  
> I called CQ at 17:45 UTC and worked my first station. The following is my  
> log of stations I worked.

>  
> 17:45 WB2PEF NY H- RST 579 M-RST 559  
> 18:01 W8YMO OH H-RST 569 M-RST 579  
> 18:09 AB4PP/QRP NC H-RST 549 M-RST 559  
> 18:18 WB3GCK PA H-RST 579 M-RST 569  
> 18:27 AA2VK NY H-RST 589 M-RST 559  
> 18:46 AA3UR PA H-RST 569 M-RST 589  
> 18:56 VE3ELA Ont H-RST 559 M-RST 449  
> 19:08 W2AGN NJ H-RST 599 M-RST 579

>  
> At the 18:18 UTC I decided to cut my trip short due to falling temperatures  
> and strong winds. I asked Craig to post something on the internet that I  
> will be going QRT in 45 minutes. My light weight dipole had 20 feet of RG-8X  
> coax with a SWR of 1.05 to 1. The antenna was only about 10 feet off the  
> ground and pointed in a North/South direction. The ends were actually a  
> little higher than the center due to some overhead branches. I was very  
> happy with the performance of the dipole with my SW-40+ running 1.5 watts

> output.  
>  
> Now I was a little bit dryer and the hot chocolate warmed me up also. I  
> heard something outside and it was sleeting. So I broke camp and started to  
> hike out around 2:55 PM. I decided not to wear the heavy pants back and to  
> leave my parka open about half way. This help me stay dry and cool. I  
> arrived back at my car at 3:59 PM. Wow I did 3 miles in just about 1 hour.  
> Now I did take a could of 1 minute breaks up the hills. Next time I plan to  
> go out I am dressing light and taking along the heavy parka for the camp  
> site. I think this will allow me to stay longer and keep dry.  
>  
> I had a ball and I would like to thank those who made a QSO with me. It  
> made the time go real fast. The only draw back was all those guys that were  
> tuning up on the frequency I was chatting on. The QRM made me move down to  
> 7.035 at one time for about 10 minutes. I was CQing but I had no replies. As  
> soon as I went back to 7.040, when it was clear, the QSO's picked back up.  
>  
> When I got home I jumped onto the scale to see what kind of weight I was  
> carrying. I carried 55 lbs, which included my clothing, tent, chair and  
> radio equipment.  
>  
> Check [www.n3epa.org/Pages/AT/AT%20in%20PA.htm](http://www.n3epa.org/Pages/AT/AT%20in%20PA.htm) on Monday evening around 7 PM  
> and I will have some pictures on this site of my trip. You can look for me  
> on the AT in January 2001 sometime. I plan to hit the trail once every  
> month, more in the summer months. Hi  
>  
> Thanks Again & Happy Holidays!!  
> 72 & 73  
> Good DXing  
>  
> Ron Polityka  
> de WB3AAL  
> wb3aal@fast.net  
>  
> vvv Eastern Pennsylvania QRP Web Page vvv  
> <http://www.n3epa.org>  
> Eastern Pennsylvania QRP Club Call  
> N3EPA E-mail address: n3epa@fast.net  
>  
> EPA QRP #1 ARRL Life Member  
> KL7 QRP # 309 G-QRP # 3031  
> ARCI QRP # 5318 10 - X #13173  
> NorCal Zombie #625  
> ARS # 380 HI QRP #153  
> VA QRP Society #45 MI QRP #1703  
> K2 sn1392 NJ QRP #179

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

-----

Date: Sun, 10 Dec 2000 21:50:58 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>, "W.D.(Doc)Lindsey/K0EVZ"  
<70511.3041@compuserve.com>  
Subject: [86004] Cub FOX for Monday evening  
Message-ID: <200012102151\_MC2-BE14-3E49@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

K0EVZ will be the Cub FOX on Monday evening 11 Dec 2000, at 2100 Eastern  
Time in the USA (this will be 0200Z on Tuesday morning, 12 Dec 2000). I  
will be filling for Ronnie Davis KE4VPN, who had to withdraw because of a  
previous commitment. =

I plan to set up somewhere between 7.140 and 7.150. Per the Cub FOX rule=  
s,  
my CW speed will be as close to 10 wpm (word spacing) as I can make it. =

Feel free to come back a bit faster, if you want, but the intent is to ma=  
ke  
this a slow speed hunt.

Here's hoping we have great propagation and a good hunt. This should be =  
a  
great chance for everyone to grab a pelt. See you tomorrow evening.

72,  
--Doc/K0EVZ =

-----

Date: Mon, 11 Dec 2000 01:16:29 +0000  
From: Larry S Cahoon <wd3p@juno.com>  
To: epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [86005] K2 Milliwatting in the 10 Meter Contest  
Message-ID: <20001211.025054.-493011.4.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Well it's over for another year. This is a fun contest as it lets you see how propagation changes during the day.

Max power for the contest was 500 mWatts. The total take was 73 QSOs, 30 Mults for a total of 8,760 points. I'm satisfied given the power I was running. The K2 worked perfectly for this one. A fine rig for the contest.

Part of the plan was to work several of the western states with new low power levels. I got several. The Take:

AZ 40 mWatts  
MT 35 mWatts  
CO 30 mWatts  
WA 50 mWatts  
OR 45 mWatts  
CA 40 mWatts  
NV 60 mWatts  
HI 400 mWatts

Now I just need five more to have WAS at 100 mWatts or better. I still need HI, WY, NM, ID and ND. I took HI this time at 400 mWatts as it gives me HI at 10,000 miles to the watts. With that and the others I got in the contest I'm down to eight for WAS at 10,000 miles to the watt.

Now I just have to get the cards for the new ones.

I'm still doing this on the fly - so no skeds pse, at least not yet. It is more fun getting there than arriving.

And for the curious the antenna for this one was a dipole up about 25 feet. I raised it an extra 5 feet just for this contest.

73 de Larry.....WD3P in MD  
<http://www.qsl.net/wd3p>

---

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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 10 Dec 2000 19:54:17 -0700  
From: "Tom Whalen" <wb5qyt@abq.com>  
To: <qrp-1@lehigh.edu>  
Subject: [86006] Seab  
Message-ID: <MABBIKAEJKMHLIDDGMCKMECHCBAA.wb5qyt@abq.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Welcome back Seab, now that your about moved in get out and put up one of  
your giant loops so we can have a qso!! 72, Tom WB5QYT

-----  
Date: Sun, 10 Dec 2000 22:15:14 -0500 (EST)  
From: Russ Dow <n7dw@prodigy.net>  
To: wb2vuo@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86007] Re: Magnifier  
Message-ID: <384720215.976504514468.JavaMail.root@web694-wra.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hi Keith and the gang,

Also check places that sell hand crafting supplies. My wife found an  
inexpensive (about \$15) magnifying lamp at Michael's. Has a big round  
lens and uses a standard 60 watt light bulb. Clamps to a table, bench,  
etc. I used one to build my SMK-1; it was a tremendous help.

There used to be a better model with a ring shaped fluorescent light. I  
think I saw it in Heathkit catalogs. My guess would be that a lamp like  
that would cost at least \$50-75 now if it's still available.

72,  
Russ N7DW

-----Original Message-----  
From: wb2vuo@juno.com  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: December 10, 2000 5:39:46 PM GMT  
Subject: Re: Magnifier

Hi Robert, Keith here in the Depths of the Great Bergen Swamp

Check your local sewing supply shop. My wife got a magnifying glass that hangs on ones chest on a lanyard, and allows her to view the sewing

< snip >

-----  
Date: Sun, 10 Dec 2000 19:17:32 -0800  
From: KB7WW Art Moe <kb7ww@chatusa.com>  
To: qrp <qrp-1@lehigh.edu>  
Subject: [86008] 10 meter contest DX  
Message-ID: <3A34474C.CFB3BA3C@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I used the 10 meter contest to chase DX only trying to get 200 qrp getting close. This is with 5 watts and a R7 vertical.

So here is a list of what I found mostly Saturday.

V26JT	NP4Z	KP2/N3IQ	PY0FF
FS/W2JJ	V01MP	ZF2NT	VP6Q
OH7MM	LW1ZA	J38DX	ZS6Z @ 10300 MILES
LU1EWL	8P9Z	YV7QP	K7BV/YV1A
SM2C	KL2A	KH6ND	C08ZZ
PP1CZ	KH0A	JJ3YBB	CX1CCC
3G3R	WP2Z	VR2BG	HL5U0G
ZL1BY	VK4UW	9V1YC	EI70NC
F6AUS	EA1DAU	HC1SL	

Hope I found them all in my paper log. worked several ZL, PY, & LU's but conditions were rather poor to EU. I would like to hear from some of the right coast folks on what they worked in EU.

Also hope to have the beam up b4 spring DX test

Art

KB7WW

-----  
Date: Sun, 10 Dec 2000 18:33:17 -0700  
From: "Ron, KU7Y" <ku7y@qsl.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [86009] Re: Morse Code Cards  
Message-ID: <000401c06324\$29660c20\$51c6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi All,

Wow, interesting posts!

I find that I need to disagree a little with some good friends on this one.

I learned CW from a list given me by a ham at high school, W6DPL. It had the letters and numbers written down with the dots and dashes beside them.

That was used with an old short wave RX tuned to the new novice band on 80m. When I heard a letter (sound) I'd look it up and see what it was.

So I guess I used a little of both visual and audio to learn. All this was without having a BFO to boot! :-)

But I would NEVER advise anyone to use flash cards to memorize the code. You really should hear the sound. If someone only wants to get to 5 wpm and never use CW again, I guess they could use whatever they like. But to learn without some kind of sound is sure going to make things tough if they ever change their mind and want to improve.

(And lets be very clear about what I mean by improve. That means sending better and faster. That means hearing the thoughts being sent by the other operator. This doesn't happen until you are moving along at speeds that some call fast.)

I have also used the letter grouping method to help people learn the sounds of each letter. You can hear for example S and H next to each other and you do NOT have to count dits to tell which is which.

With the tools we have now, there really isn't any good reason for anyone to use cue cards with written dots and dashes!

Here is another observation for whatever it's worth:



When I was in the Army I spent many months (close to 3 years) copying CW using a mill (typewriter). The CW came in my ears and went out my fingers. I'd copy for as long as 16 hours a day at times and very often 7 days a week. It all depended on company strength at the time.

While I got good at doing that type of copy and could read a book or carry on a conversation at the same time, I totally lost the ability to copy in my head!

To this day I'm still not as good with head copy as I was before going in the army.

What this tells me is that if you want to improve a CW skill, just do it for many hours. If you don't care to do more than have a QSO or two for 20-30 minutes a day, expect things to improve very slowly. If you really want to burn CW into your head and improve you skills FAST, spend several hours a day listening to CW.

Take Chuck as an example. He is one fast CW fellow! Now answer this question: How much time EACH DAY does Chuck spend listening to FAST CW?

OK kids, that's all the home work for today! :-)

Back in my hole.....

cul, Ron KU7Y  
Full time RVing somewhere in the West!

-----  
Date: Sun, 10 Dec 2000 19:25:28 -0700  
From: "Ron, KU7Y" <ku7y@qsl.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [86010] 10m CW Contest  
Message-ID: <000601c06324\$2b546ea0\$51c6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi All,

Could only spend a short amount of time on Sunday playing in the contest. This was the first time I tried using this new lap top with the radio.

TR Log ran GREAT in a window under Windows ME. No keying problems or anything.

Used the FT-100 at 5 watts into the High Sierra Screwdriver antenna mounted on the ladder at the back of the RV.

Lots and lots of great sounding stations were heard. Most CW was below 35 wpm. I kept my speed at either 32 wpm or 29 wpm 99% of the time.

Did mostly Search & Pounce but did make a couple of very short runs calling CQ.

And I heard and worked my old neighbor, K7BV up at VY1. That was fun!

Sorry that I wasn't able to put in the effort to make a stab at getting into the top ten QRP box again but we had things going on all day Saturday that prevented me from even getting much ready for today!

Here's the sad little summary!

#### ARRL 10 SUMMARY SHEET

Callsign Used : KU7Y  
Operators : RON, KU7Y

Category : QRP

Default Exchange : 599 AZ

BAND	Raw QS0s	Valid QS0s	Points	Mults	Countries	
10CW	146	146		588	41	21
Totals	146		146	588	41	21

Final Score = 36,456 points.

While that is a far cry from a good score, I did have fun! And now that I have the laptop working with TR Log and keying the rig OK, I hope to make some of the QRP contests too.

OK, back in my hole.....

cu1, Ron KU7Y

Full time RVing somewhere in the West!

-----  
Date: Sun, 10 Dec 2000 19:05:45 -0700  
From: "Ron, KU7Y" <ku7y@qsl.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [86011] Re: What IS "real" QRP?  
Message-ID: <000501c06324\$2a6af900\$51c6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Hi All,

While everyone is talking about this subject and giving their thoughts, don't forget to notice that the ARRL still uses 5w PEP as their limit for SSB HF QRP.

Most others all use 10w PEP for SSB HF QRP.

In some ways it's just not very important BUT..... there have been those who have been moved from the QRP class to the Low Power class in ARRL contests because they ran 10w PEP on SSB.

I could care less how much power someone runs, but I just don't want to see anyone become frustrated by the above difference.

If you are going to chase awards or enter a contest, be sure to read all the rules first.

OK, now I'll figure out my very LOW 10m score.....

cul, Ron KU7Y  
Full time RVing somewhere in the West!

-----  
Date: Sun, 10 Dec 2000 19:51:42 -0800  
From: Jeff Stai WK6I <jstai@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>, Elecraft <elecraft@qth.net>  
Subject: [86012] Contest: K2 #525 results ARRL 10m  
Message-ID: <3A344F4E.A1DF7E8@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

well, the goal was to try and get a score greater than 40,000 is phone QRP, which is what it took to get into the top ten last year.

Well, OK, the real goal was to just see what could be done with my new tri-bander (C3SS) on 10m. The other goal cropped up later when I found I was doing pretty good...;-) The C3SS is at (only) 30 feet.

Anyway, I am claiming 321 Q's and 70 mults, for a total of 44,800. Hope that's enough to get listed on the front page this year!

I was pretty much unable to work Europe, but I was also unwilling (for some 'good' reasons) to drag my behind out of bed before dawn either, so I probably could

have otherwise found more multipliers. On the other hand, I could work any stateside

station I could hear. Many of the South Americans were 'deaf' as usual (I am really beginning to wonder - I mean, they are so loud they HURT and they can't hear me even at QRO...) - and the Japanese were the opposite, as usual. I found I could hold my own on pileups, though some were tougher than others (hint: if you have not mastered the "delayed call" do so!). Tried calling CQ but only snagged 2 calls for 10 minutes work. Calls from 7-land were impossible - no short skip here, only bagged one WA. Also, the JAs never really showed up - I was kinda counting on them for a pile of Q's - maybe that's the consequence of the 'lousy' propagation... and I never met anyone who wasn't willing to pull out a 'weak one' once they could hear it!

Enough rambling - 7x! - j

--

jeff stai

WK6I DM13

NAR #21059 TRA #3356 L2

jstai@home.com / wk6i@arrl.net

ROC web page: <http://www.rocstock.org/>

-----

Date: Mon, 11 Dec 2000 03:53:09

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: qrp-l@Lehigh.EDU

Subject: [86013] re: magnifiers

Message-ID: <F284JWESBk31TZ14eBa00014663@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

A little documentation would have been helpful. It does work once you initialize it (right click on the icon at the bottom right in the task bar after you start it to get to the options). The reason it moves around when you point to it is to uncover what is under the window, so you can see it!

73 - Mike WA8BXN

>  
>Well, the file I got is one of those do-nothing deals that you have to  
>chase around the screen...if it's ajoke, it's not funny.  
>

---

---  
Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

---

Date: Sun, 10 Dec 2000 19:59:09 -0800  
From: Don Minkoff <cowchip@mediaone.net>  
To: qrp-1@Lehigh.EDU  
Subject: [86014] FOX log again #14  
Message-ID: <3A34510D.79466038@mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Chads happen, Dropped Q's happen.

Don't know what happened but 0303, AF4LQ came up missing.

Here once again is my log.

Had fun on 10 today using my K2. I'll be operating from a hotel this week using a portable antenna. This will make this old FOX work hard for a while this week.

FOX LOG #14- NK6A Dec. 8, 2000

0200	WE7G	559	UT	WAYNE	5W
0201	NQ7X	559	AZ	FLOYD	5W
0202	K0EVZ	579	ND	DOC	5W
0205	N5ET	559	TX	BOB	5W
0206	VA6RF	559	AB	EARL	5W
0207	WE6W	569	CA	ED	5W

0208	K0MP	559	CO	BILL	5W	
0209	K10J	559	TX	OJ	5W	
0210	W6ABC	599	CA	JACK	5W	
0211	N1LN	559	TX	BRUCE	5W	
0213	W5SB	559	TX	BILL	5W	
0214	N4ROA	559	VA	DAN	5W	
0215	W5YR	559	TX	GEO	5W	
0216	K7RE	559	AZ	BRIAN	5W	
0217	K5AAR	559	OK	DON	5W	
0218	N2WW	559	CO	LARRY	5W	
0218	WA7SPY	559	CA	GLENN	5W	5W
0219	AA7EQ	559	AZ	BOB	5W	
0221	NK7M	599	AZ	BOB	5W	
0223	AC5JH	449	OK	TOM	5W	
0224	W4NJK	599	CA	CHARLIE	5W	5W
0224	N1FN	559	CO	ET	5W	
0225	N4SO	559	AL	KEN	5W	
0227	W0CH	559	MO	DAVE	5W	
0228	K4FB	559	FL	PAUL	5W	
0229	W8SFF	559	MI	STEVE	5W	5W
0230	K0FRP	579	CO	ALAN	5W	
0231	K5VUU	559	TX	ED	5W	
0233	N6WG	579	CA	BOB	5W	
0234	W0JOE	559	MO	JOE	5W	
0236	VE6JAZ	559	AB	ROB	5W	
0237	K7FD	559	OR	JOHN	5W	
0239	N5ZE	559	TX	LEN	5W	
0240	W9XT	559	WI	GARY	5W	
0241	AA5UN	599	TX	MARTIN	5W	5W
0242	K0QD	559	CO	HUGH	5W	
0243	K8CV	559	MI	WALT	5W	
0246	N5GLQ	559	LA	MIKE	5W	
0247	W0RW	579	CO	PAUL	5W	
0248	KB7WW	559	OR	ART	5W	
0249	K0PC	559	MN	PAT	5W	
0250	KQ5U	559	TX	TERRY	5W	
0251	N0UR	559	MN	JIM	5W	
0252	WB8ICN	579	MI	MIKE	5W	
0253	WA9TZE	559	WI	JIM	5W	
0254	WE9K	559	WI	GLENN	5W	
0255	WA50JE	559	TX	DANNY	5W	5W
0256	N5EN	559	TX	STEVE	5W	
0257	W9XU	559	WI	LON	5W	
0258	N0TU	599	CO	STEVE	5W	
0259	N8IE	559	OH	DAN	5W	
0300	N9AW	559	WI	JERRY	5W	
0300	AF4PS	559	FL	MAC	4W	
0301	N1TP	559	FL	TOM	5W	

0303	AF4LQ	579	KY	MIKE	5W
0305	N7XY 599	WA	BOB	5W	
0307	KD7CTF	599	OR	LEE	5W
0308	NK9G 559	WI	RICK	5W	
0309	W0UFO	559	MN	BILL	5W
0310	WA7TQK	559	ID	BILL	5W
0313	KK7GG	559	OR	MIKE	5W
0316	K9IUA	339	ND	KEVIN	5W
0318	W8PIG	559	OH	DAN	5W
0319	KB7LJP	559	OR	JAMES	5W
0321	W2XN 559	FL	FRED	5W	
0322	N5WL 559	OK	BART	5W	
0324	NY3M 559	MD	BILL	5W	
0325	N0EHW	559	MO	TIM	5W
0326	KR5C 559	TX	GEORGE	4 W	
0327	KI0II	599	CO	RON	5W
0330	K5DW 559	TX	DON	5W	
0330	K5OHL	559	OK	JIM	5W
0331	W0PWE	559	IA	JERRY	5W
0333	W0RSP	559	SD	ADE	4W
0334	N0AR 559	MN	SCOTT	4W	
0335	AB0CD	559	CO	DICK	5W
0336	KC0EPD	559	MO	LORA	5W
0337	WS4S 329	TN	CONARD	5W	
0339	KJ0C 559	CO	JIM	5W	
0342	N5TW 599	TX	TOM	5W	
0343	K5JHP	339	TX	BILL	5W
0356	N8VAR	229	OH	RON	5W
0358	W5USJ	339	TX	CHUCK	4W
0000	NK6A		FOX	5W	

--

Don  
NK6A

-----

Date: Sun, 10 Dec 2000 22:59:03 EST  
 From: K4YBB@aol.com  
 To: qrp-l@lehigh.edu  
 Subject: [86015] INRAD Filters?  
 Message-ID: <5f.e0cf789.2765ab07@aol.com>  
 MIME-Version: 1.0  
 Content-Type: text/plain; charset="US-ASCII"  
 Content-Transfer-Encoding: 7bit

T0 ?: Recently there was a post about group order of INRAD filters. Would the originator of that post please email me direct if you still need orders for filters.

Thanks.

72 / 73 Jim K4YBB

-----  
Date: Sun, 10 Dec 2000 23:01:15 -0500  
From: Brian <brian@iquest.net>  
To: Andrew Madsen <andrew@utahdesign.com>  
Cc: Elecraft List <elecraft@qth.net>, qrp-1@lehigh.edu, FPQRP <fpqrp-1@mpna.com>  
Subject: [86016] Re: [fpqrp] ARRL 10 M contest at AC7CF  
Message-ID: <3A34518B.4AFC0DAD@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Andrew,

You did fantastic! Looks like a good time was had by all involved.  
Way to go!

72

Andrew Madsen wrote:

>  
> 9 hours total op time netted:  
>  
> 140 QSOs 58 mulits 23896 total points  
>  
> 65CW 75SSB  
>  
> Rig(s): TS-570 on SSB (5 watts)  
> K2 #1637 on CW (4.5 watts)  
>  
> Antenna: Half wave 10 M vertical  
>  
> My 7 year old brother Justin helped log for about 4 hours. He got  
> really excited about the contest and said he can't wait for next  
> year (I told him there is a contest just about every weekend). We  
> had a lot of fun!  
>  
> --  
> 73,  
> Andrew Madsen AC7CF



> ac7cf@qsl.net  
> http://www.qsl.net/ac7cf  
> AOL IM: ac7cf  
> FISTS nr. 7439 | QRP-L nr. 2180  
> FPQRP#-71 | A.R.S nr. 738  
> SOC #376 | UARC | ARRL  
> Norcal | NOGAQRP | NJQRP  
>

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

-----

Date: Sun, 10 Dec 2000 23:08:49 -0500  
From: "Mark Fancher" <mmfancher@earthlink.net>  
To: <w8diz@cinci.rr.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [86017] RE: minicircuits labs  
Message-ID: <000401c06328\$10d7e580\$0d2e56d1@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I happen to have a Minicircuit handbook.

Here's what I found on the PSW-1211:

	Control #1	Control#2	RF2	RF1
	(pin 1)	(pin 7)	(pin 8)	(pin 2)
State 1:	0 V	+5 V	ON	OFF
State 2:	+5 V	0 V	OFF	ON

Hope this helps!

Mark, W09G

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of  
> w8diz  
> Sent: Sunday, December 10, 2000 7:43 AM  
> To: Low Power Amateur Radio Discussion

> Subject: HB:minicircuits labs  
>  
>  
> Hey gang,  
>  
> Does anybody out there have the detailed specs on a  
> Minicircuit Labs PIN diode switch "PSW-1211" ?  
> I need the pin-outs and control voltage info.  
>  
> tnx  
>  
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
> FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]  
>  
>  
>

-----  
Date: Sun, 10 Dec 2000 20:26:45 -0800  
From: "John Moriarity" <k6qq@hdo.net>  
To: "Robert Marlan" <rsm@otology.com>  
Cc: <elecraft@qth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [86018] Re: [Elecraft] Bad Eyes - need magnifying suggestion.....  
Message-ID: <003701c0632a\$929b4740\$f3414cd1@johnmori>

> Any suggestions to be able to read these parts...  
> ? glass vs lamp with magnifier....

Robert,

What ever you do, don't try to pinch pennies here.  
I built my second K2 at age 64 with the help of my  
trifocals and my trusty (and expensive) Luxo lamp.  
This has a five inch lens and a circular fluorescent  
lamp bulb. I also have an old Bausch and Lomb  
hand magnifier with a small built-in incandescent bulb  
that my ex mother-in-law used for reading. It has  
a very good rectangular lens.

Bad optics will only result in eyestrain and headaches.  
Also, I'm finding that as I get older I need good bright  
lighting more than magnification. YMMV.

Another solution is an AADE L-C Meter ;-)  
(I have an old one, and use it constantly.)

72,

John, K6QQ

-----  
Date: Sun, 10 Dec 2000 22:33:21 -0600  
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>  
To: <n7dw@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [86019] Re: Magnifier  
Message-ID: <002601c0632b\$7f59a9a0\$6500a8c0@rob>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Russ, et al:

I frequently use a circular fluorescent extension lamp with magnifier in the center. Great for troubleshooting, construction, kits, etc. As I recall, it was about \$40-50 at Home Depot.

Those lightweight head-mounted binocular magnifiers look useful as well...I'll probably try a set in the near future...assuming Santa brings a K1...

Jim  
N9WW

----- Original Message -----  
From: Russ Dow <n7dw@prodigy.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, December 10, 2000 9:15 PM  
Subject: Re: Magnifier

> Hi Keith and the gang,

>

> Also check places that sell hand crafting supplies. My wife found an  
> inexpensive (about \$15) magnifying lamp at Michael's. Has a big round  
> lens and uses a standard 60 watt light bulb. Clamps to a table, bench,  
> etc. I used one to build my SMK-1; it was a tremendous help.

>

> There used to be a better model with a ring shaped fluorescent light. I  
> think I saw it in Heathkit catalogs. My guess would be that a lamp like

> that would cost at least \$50-75 now if it's still available.  
>  
> 72,  
> Russ N7DW

-----  
Date: Sun, 10 Dec 2000 23:17:21 -0500  
From: "Ron McConnell" <rcmcc@lucent.com>  
To: "'QRP-L'" <qrp-l@lehigh.edu>, "'HOARC-W2EM/K2DR'" <hoarc@abram.hr.lucent.com>,  
"'ALWARC-K3ME'" <k3me@listsrv.micro.lucent.com>,  
"'Rick-WB2QOQ Anderson'" <wb2qoq@lucent.com>  
Cc: <MartianRover@Bigfoot.com>  
Subject: [86020] Off-Electric Power Grid Ham Radio  
Message-ID: <002001c0632f\$c20b3120\$2829ff87@nj7460rcmcc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Homepower is a very interesting magazine  
that often covers subjects of interest to hams  
like battery and emergency power.  
AND one can download it FREE. :-)

<http://www.homepower.com>

It's about \$5 on the newsstand.

This note was on ham-software-digest@qth.net

Cheers, 73,

Ron McConnell  
w2iol@arrl.net

-----Original message text-----  
This is a forwarded message  
From: MartianRover KF6KNC <MartianRover@Bigfoot.com>  
To: Multiple recipients of aprs <aprs@lists.monterey.edu>  
Date: Tuesday, November 21, 2000, 9:30:03 AM  
Subject: [CA APRS] Offgrid Ham Radio

Hi all,

I don't know how many of you subscribe to HomePower,  
but in issue 79 of HomePower,  
there is an article about HAM radio many of you  
might find interesting on Page 68 and 69.

You can download just those pages  
or the entire HP 79 issue at

<http://www.homepower.com/download.htm#CurrentIssue>

I know this doesn't have anything  
to do with Antenna's or APRS,  
but these are the only two lists  
I'm on and thought some of you  
might like this article.  
Check it out and pass it around to your  
friends if you like.

73

- - MartianRover KF6KNC

-----  
-----  
Contact Info Visit  
<http://www.Bigfoot.com/~MartianRover/contact.html>  
My homepage is <http://www.Bigfoot.com/~MartianRover>

- - - -

-----  
  
Date: Sun, 10 Dec 2000 22:03:27 -0800  
From: Lee Hopper <leehop@uswest.net>  
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [86021] OP: ARRL 10-M Contest report  
Message-ID: <3A346E2E.45348515@pop.ptld.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

ARRL 10-M Contest report:

Category: QRP Single op      Mode: CW only      Power: 5 W

Hours of Operation: 3 casual hours on Sunday around mid-day.

Location: Portland, OR

Rig: K2, dipole at 30'

62 QSOs, 248 Points, 24 Mult's, 7936 Total Score

Contacts included Ecuador, Argentina, Uruguay, Puerto Rico, Jamaica & Japan.  
Stateside contacts: Maine to Florida, etc.

Fun factor: 10!

Lee Hopper, KD7CTF

-----  
Date: Sun, 10 Dec 2000 22:41:10 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: n7rr@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86022] Re: Piano-style Iambic Keying  
Message-ID: <3A347706.8810A5D@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I use a set of Kitano paddles almost exclusively. I also have several sets of homebrew 'finger paddles' that I use for backpacking and other portable operation. In fact, I haven't used conventional (side by side) paddles for a couple years. I am much more comfortable with the up and down motion that finger paddles afford. It does take a little getting used to but the end result is much easier and more comfortable keying in my book.

Bruce Prior wrote:

>  
> A few years ago I bought a unique key from Kitano Keys which is an iambic  
> keying mechanism whereby the operator depresses two keys piano-style to  
> control the dits and dahs of an iambic keyer.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----

Date: Mon, 11 Dec 2000 00:06:17 -0700  
From: "Rod Cercone" <n0rc@hotmail.com>  
To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com  
Subject: [86023] Re: Inrad Group buy for KNWD TS-570  
Message-ID: <F218PvZ3lsCx7kMhH2Y00014067@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Well no takers, offer is closed.

FWIW. After one week with no takers, I figured there wouldn't be any. So, I ordered a 400Hz CW filter for my rig. SWEET! The Inrad filter is quality stuff and the Inrad people are good folks to deal with. It combined with the DSP of the TS-570 make CW quite enjoyable. Cranking the DSP down <= 300Hz makes crowded band conditions manageable.

If you looking for an affordable rig with good CW manners and all the other commercial bells and whistles the 570 is worth a look. And 'cause I know somebody will ask, yes the 570 can be set to QRP levels. Power is adjustable from 5-100W in 5W increments. (Hey, when all ya got is an attic dipole, sometimes you need 10 or 15 watts ;-)

73 Rod N0RC  
Fort Collins, CO

>From: "Rod Cercone" <n0rc@hotmail.com>  
>Reply-To: n0rc@hotmail.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Inrad Group buy for KNWD TS-570  
>Date: Sat, 25 Nov 2000 23:52:47 -0700

>

>Folks:

>

>I'm organizing a group buy for some Kenwood TS-570 filters from Inrad.

>

....

>This offer closes 09-Dec-2000 OR WHEN I EXCEED THE 10 FILTERS NEEDED  
>FOR 20% DISCOUNT.

---

---  
Get more from the Web. FREE MSN Explorer download : <http://explorer.msn.com>

---

Date: Mon, 11 Dec 2000 07:16:23 EST  
From: KT8DX@aol.com  
To: qrp-1@lehigh.edu  
Subject: [86024] unsubscribe kt8dx@aol.com  
Message-ID: <f.d02a9b3.27661f97@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

-----  
Date: Mon, 11 Dec 2000 08:03:37 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <fflynn@together.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [86025] Re: keep in mind those of us in digest mode  
Message-ID: <008701c06373\$7c6422a0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't see a solution for this as long as you stay in digest mode.

Except to create another list just for these kinds of messages.

Mike

> There was a posting about someone being on the App trail on Sunday.  
> I did not get that posting untill Sunday night. If you are posting  
> an event, please consider that some of us might not read it untill  
> the next day's evening. I would have liked to work the AT today.  
>  
> Thanks,  
>  
> Fran Km1z

-----  
Date: Mon, 11 Dec 2000 08:11:57 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Larry S Cahoon <wd3p@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86026] RE: K2 Milliwattting in the 10 Meter Contest



Message-ID: <XFMail.001211081157.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

At first glance this looks like "real" QRP, but note, Larry was running a K2! Much too high tech a rig for "real" qrpers. (Rule #63) Any rig costing over \$150 as a kit or in parts is not "real" qrp, either. (Rule #92) Sorry, Larry, have to disallow this. (Oops, I bet you used a keyer, too, instead of a straight key, or rubbing 2 wires together. (Rule #122) SHAME!.

John W2AGN

On 11-Dec-00 Larry S Cahoon wrote:

> Max power for the contest was 500 mWatts. The total take was 73 QSOs, 30  
> Mults for a total of 8,760 points. I'm satisfied given the power I was  
> running. The K2 worked perfectly for this one. A fine rig for the  
> contest.

>

> Part of the plan was to work several of the western states with new low  
> power levels. I got several. The Take:

>

> AZ 40 mWatts  
> MT 35 mWatts  
> CO 30 mWatts  
> WA 50 mWatts  
> OR 45 mWatts  
> CA 40 mWatts  
> NV 60 mWatts  
> HI 400 mWatts  
>

-----

Date: Mon, 11 Dec 2000 13:11:38 -0000  
From: Vic Winton <Vic.Winton@trafford-press.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [86027] Help with no tx output  
Message-ID: <C94AC5B1B413D411ABDC009027177A641CD6@TRAFFORD01>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi Gang,

Problem - Suddenly very low output from Alinco DX70 ie 2-4 watts on 100 watt position. Also cannot match antenna with my hb transmatch. Was all ok last

time used (sound familiar ?)

HHHMMMMMMMM...

Changed rig, and same problem with FT 101E ie low output and no match.....

Changed atu..... same problem....

Conclusion - both rigs and both atu cannot be broken (can they?).

Tried both rigs into dummy load..... low output from both rigs... oh dear  
!!

Still, surely (don't call me shirley) both rigs cannot be broken? Got a  
contact with the 101 so it's working at least....

Question

Is it possible to damage an swr meter with excessive swr or other condition  
? I am using a commercial Daiwa cross needle swr meter - old but reliable.  
Checked the S0239 connectors and seem ok . There's not much in the sensing  
circuit but wondered if it could be u/s and therefore giving me spurious  
readings. I've never seen any reference to faulty swr meters so not sure if  
the diodes could get zapped.

Any help much appreciated as I am now off air until fixed.

Thanks & Regards,

Vic Winton GW4JUN

-----  
Date: Mon, 11 Dec 2000 08:22:37 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <kf3dy@repeater.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [86028] Re: Why HTML mail is bad. [was: AOL 6.0 Is A Problem]  
Message-ID: <01ad01c06375\$711fb240\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Same here. If it comes in with HTML in a place I don't want it to, I  
just don't bother... I don't have a choice with my work, but when  
list stuff comes in that way, sorry, right to the can.

Well, unless it has a REALLY juicy subject line... (But if it's a naughty bit from a non-naughty forum, I IMMEDIATELY suspect bad things, and don't bother!)

Mike

> I just have 1 comment to Pine and Elm. It is a Current release piece of  
> software, but it is real nice for us unix based people. If I see  
> something come in that is HTML, I hit delete.  
>  
> Corey KF3DY

-----  
Date: Mon, 11 Dec 2000 08:34:28 -0500  
From: Ed Lawson <elawson@lawson-philpot.com>  
To: w2agn@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [86029] RE: K2 Milliwatting in the 10 Meter Contest  
Message-ID: <20001211083428.A6651@office4>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1

On Mon, 11 Dec 2000 08:11:57 John L. Sielke wrote:

> At first glance this looks like "real" QRP, but note, Larry was running a K2!  
> Much too high tech a rig for "real" qrpers.(Rule #63) Any rig costing over \$150  
> as a kit or in parts is not "real" qrp, either.(Rule #92) Sorry, Larry, have to  
> disallow this. (Oops, I bet you used a keyer, too, instead of a straight  
> key, or rubbing 2 wires together. (Rule #122) SHAME!.

I bet he did not use a cat whisker crystal for his detector either. As all real qrpers know that is a violation of rule....mmmmm....where are those rules when you need them....nevermind.

Ed Lawson  
K1VP  
NH

-----  
Date: Mon, 11 Dec 2000 08:59:56 -0500  
From: Richard Powell <ripowell@mpna.com>  
To: "fpqrp-1@mpna.com" <fpqrp-1@mpna.com>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [86030] RE: [fpqrp] QRP: WB6JBM/4  
Message-ID: <01C06350.BC3223F0.ripowell@mpna.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Thanks dan....

Well gangue, had a really great time. learnt some stuff too...

setup:

10M,,, HTX10, in car, 102" whip.  
40M,,, SW40+, internal 2.2ah C cell nicad battery, K8 keyer, CapPaddles,  
DK9SQ 10M mast supporting apex of 40M Inverted Vee  
17AH gell cell providing light and backup power  
1.5AH subC cell nicad pack  
0.5AH AA nicad pack, powering MFJ active CW audio filter.  
straight key (just in case)  
QTH - David Crocket State Park, TN

results:

52 contacts on 10M mobile, most of them from .al, haven't collated/stapled  
the results yet. but  
did have the mic gain cranked down, was puttin out about 10w ssb, to the  
102" whip... WOW.  
worked a bunch of stations that had funny callsigns... they started with  
letters like D, O, G, F, E, V, I, (dogfevi?)  
gotta look those up, see if they are real....

anyway,,,, the 40M operation from David Crocket State Park, TN. was VERY  
successfull, and  
VERY educational.

Log:

12/10 2306 W8VEL, CINCINNATI  
12/10 2329 K8CZ, CINCINNATI  
12/10 2340 N4FNG, CLEARWATER FL  
12/10 2359 WA9PWP, STOUGHTON WI  
12/11 0012 WB9NFD, FORT WAYNE IN  
12/11 0029 K8QA, DETROIT MI  
12/11 0052 KI3B, BEAR DE  
12/11 0101 W8MX, CINCINNATI  
12/11 0124 WA9PWP, STOUGHTON WI

12/11 0135 KK5PY, COMMERCE OK  
12/11 0204 N5JI, DALLAS TX  
12/11 0211 W9JOP/4/QRPP, BEALTON VA

lessons learnt:

when the goin gets cold, nicads go home..... the internal 2.2ah C cell nicad pack, in my SW40+, usually lasts almost 8 hrs of operation... it lasted 2.

the 6v camera battery in my paddles, nominal 6.2v, dropped to 4.5v at freezing. putting the paddles in a warm place helped (some) but made warm place cold (bad, not good)

the 1.5ah sub C pack (backup for 2.2ah C pack) lasted about 15 minutes once the C pack went south.

17AH gell cell worked GREAT. don't know if it was just because of it's higher thermal mass, or it just wasn't as affected by the cold.

so. looks like it's back to the workshop, to build a 'FYBO BOX'.....  
hmmmm, lets see, i'll need, wood, nails, glue, tin foil, 12V hot plate, thermostat, .....

thanks to everyone for pulling me out of the mud!!!

next field op from Tn will probably be on either Jan27, or Feb17  
and don't forget FYBO Feb3(?)

72 & oo's  
/rick

-

Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118,  
FPQRP-2, QRP-ARCI 10414

Senior Network Engineer, Belcan IT Division  
MCSE, CNA.

ripowell@mpna.com <http://www.mpna.com/ripowell>

A tout le monde, A tous mes amis, Je vous aime, Je dois partir

-----Original Message-----

From: Shepherd@aol.com [SMTP:Shepherd@aol.com]

Sent: Saturday, December 09, 2000 2:22 PM

To: fpqrp-l@mpna.com; qrp-l@lehigh.edu

Subject: [fpqrp] QRP: WB6JBM/4

Rick, WB6JBM will be operating tonight from 6pm to 10pm (EST) from Davy Crocket State Park.

He will be on the Flying Pigs freq. 7.044 running portable.

Stop by and give a listen for him.

Rick has been driving all day from Ga, to Ohio working the 10 meter contest, so listen for him on 10 right now somewhere in Tn.

72, 00  
Dan, N8IE

-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -

-----  
Date: Mon, 11 Dec 2000 08:03:54 -0600 (CST)  
From: Bruce Ratray <ratray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [86031] Fox - Team results  
Message-ID: <Pine.LNX.3.95.1001211075255.4660A-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

My apologies everyone as I am behind in the fox hunt Team results...I am starting to get over a flu bug and back into the swing of things... so I'll begin producing the results again...thank goodness for John's Fox Hunt Results web page!.....thanks John!....IMHO I feel John's web page should become the official results page...I feel a definite responsibility for the Team results seeing as I have been organizing the Teams for 3 years now and got the 2 Team plaques going...it bugs me when I'm not able to have things going along smoothly...BUT...I have 184 working days to retirement so things will be a lot "more better" then...HI..HI...good luck to all the Teams in the hunts!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

-----  
Date: Mon, 11 Dec 2000 06:06:03 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: Vic.Winton@trafford-press.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [86032] Re: Help with no tx output  
Message-ID: <3A34DF4B.5A9C7EA6@earthlink.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Vic Winton wrote:

>  
> Hi Gang,  
>  
> Problem - Suddenly very low output from Alinco DX70 ie 2-4 watts on 100 watt  
> position. Also cannot match antenna with my hb transmatch. Was all ok last  
> time used (sound familiar ?)  
>  
> HHHmmmmmmmm...  
>  
> Changed rig, and same problem with FT 101E ie low output and no match.....  
>  
> Changed atu..... same problem....  
>  
> Conclusion - both rigs and both atu cannot be broken (can they?).  
>  
> Tried both rigs into dummy load..... low output from both rigs... oh dear  
> !!  
>  
> Still, surely (don't call me shirley) both rigs cannot be broken? Got a  
> contact with the 101 so it's working at least....  
>  
> Question  
>  
> Is it possible to damage an swr meter with excessive swr or other condition  
> ? I am using a commercial Daiwa cross needle swr meter - old but reliable.  
> Checked the S0239 connectors and seem ok . There's not much in the sensing  
> circuit but wondered if it could be u/s and therefore giving me spurious  
> readings. I've never seen any reference to faulty swr meters so not sure if  
> the diodes could get zapped.  
>

Likely so. But there are other \*possible\* explanations:

- o Bad piece of coax (if used in all cases)
- o Defective power supply (if ...)

First thing: Borrow another meter to verify the readings, or cobble up another approach to test (e.g., oscilloscope measurement of voltage across a 50 ohm dummy load). There are probably easy ways to test the meter, but I just (almost) woke up, so my mind is not yet at half speed.

Another thought" Is it a multirange meter? If so, is it possible that it is on the wrong (higher) range due to a failure in the range switch? Not likely, but ...

73, Phil

-----  
Date: Mon, 11 Dec 2000 09:30:18 -0500  
From: John Wagner <john@neknetwork.com>  
To: KT8DX@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [86033] Re: unsubscribe kt8dx@aol.com  
Message-ID: <3A34E4FA.2E491DF8@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All:

Sending "unsubscribe" to the list doesn't work.

Here is how to do it...

Send an email with the following in the body:

UNSUBSCRIBE QRP-L

Address that email to: listserv@lehigh.edu

You can leave the subject blank, it doesn't matter.

However, instead of unsubscribing, might I recommend you POSTPONE your subscription. That way you can still send email to the list, and read the threads view the web based discussion at:

<http://listserv.lehigh.edu/lists/Archives/qrp-l/subject.html>

Postponing is accomplished via the same email address, except change the command to:

SET QRP-L MAIL POSTPONE

I used this feature when I went on vacation this summer.

All this information and more can be found at the QRP-L website at:

<http://qrp.lehigh.edu/lists/qrp-l/>



A complete list commands are at:

<ftp://qrp.lehigh.edu/pub/listserv/qrp-l/welcome.txt>

Check this file out, there are a lot of neat features of QRP-L that I suspect don't get used much.

73,

John, KB1ENS  
QRP-L WebMaster

KT8DX@aol.com wrote:

>  
>

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Mon, 11 Dec 2000 09:45:35 -0500  
From: John Wagner <[john@neknetwork.com](mailto:john@neknetwork.com)>  
To: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [86034] FS: TenTec 1320  
Message-ID: <3A34E88F.79E85D8A@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am posting this for a friend. Please respond to him directly if you are interested:

---

This TenTec Model 1320, 20m transceiver was built by myself from a kit which TenTec sells.

I am asking \$100.00 for it, plus \$6.00 USPS shipping to CONUS.

See pictures of the construction of the radio and the finished product at:

<http://www.timhavens.com/n1rz/rigs/TT1320.html>

[n1rz@timhavens.com](mailto:n1rz@timhavens.com)

---

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

-----

Date: Mon, 11 Dec 2000 06:49:24 -0800 (PST)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [86035] ARRL 10M @ milliwatts & mW/M

Message-ID: <20001211144924.21351.qmail@web705.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Saturday we had company and I didnt get to spend allot of time on the 10M contest. But did manage to work several new countries with 700mW. By the end of this month I hope to have my mW DXCC 100 in the log. By next month the cards will start comeing in.

New countries not yet confirmed are LZ1NG, FS/W2JJ, PY0FF, YR8A, and TK5EP. All had with 700mW.

On Sunday I had to take to the road with the XYL, so when I had a couple hours to wait for her, my rig was there so it was miliwatt/mobile time!!

Starting at 2:20pm central time I setup my QRP+, and PW-1 screwdriver mobile antenna on my pickup truck.

Running 700mW I baged the following;

K6ROC CA

K7NV NV

J38DX

ZF2NT

K1IB VT

V01MP NF

VP5DX

W2MU NY

AA1JD MA

N7OU OR

AD4TR FL

WE1USA NH  
VP5K  
KB7N WA  
W5RL AR  
KH6ND HI  
W3EP CT  
VE6BF AB  
VE5SWL SK  
YV4A  
NP3X/W4 PA  
NA2U NJ

Running 500mW;  
N7WA WA 3:17pm  
3G3R  
N2GA NY  
VE2FFE QC  
W6UT CA  
WK2G NJ  
VE6JY AB  
KH6ND HI (used NQ5RP to avoid a dupe)

Running 250mW;  
WN6K CA 3:39pm  
KL7RA AK  
N2MO NJ  
W1TJL CT  
KL2A (Used NQ5RP to avoid a dupe)  
V31QI  
VE7XF BC  
Ended at 3:55pm

>From Arkansas to Alaska is about 3100 miles, at 250mW  
thats 12,440 miles per watt in the mobile. And 4000  
miles from here to Hawaii, so thats 8000 miles per  
watt.

No worlds records, but satisfying none the less.

I was able to work up and down the band makeing  
contacts non stop as long as I wanted to. At a  
fraction of a watt. Might be a fun way to work WAS, or  
DXCC.

72/3's de Jim KJ5TF  
"All Milliatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Shopping - Thousands of Stores. Millions of Products.  
<http://shopping.yahoo.com/>

-----  
Date: Mon, 11 Dec 2000 09:59:49 -0500  
From: "Hare,Ed, W1RFI" <[w1rfi@arrl.org](mailto:w1rfi@arrl.org)>  
To: "'baltimoremd@baltimoremd.com'" <[baltimoremd@baltimoremd.com](mailto:baltimoremd@baltimoremd.com)>, Low Power  
Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [86036] RE: OT-Furnace RFI  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C86B@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Try Industrial Communications Engineer's series of AC line filters.

You can look them up at <http://www.arrl.org/tis/tisfind.html>.

73,  
Ed Hare, W1RFI

-----Original Message-----  
From: [baltimoremd@baltimoremd.com](mailto:baltimoremd@baltimoremd.com) [<mailto:baltimoremd@baltimoremd.com>]  
Sent: Saturday, December 09, 2000 9:24 AM  
To: Low Power Amateur Radio Discussion  
Subject: OT-Furnace RFI

I have a problem with RFI from my furnace...it make use of an electronic ignition system...which appears to act as a spark gap and creates QRN at least up into UHF channel 54.

I tried bypassing the thermostat leads...no help...but I just noticed that battery operated receivers(BC, Ham and TV) don't seem to hear the noise.

Somewhere in the cobwebs I recall "brute force filters". Any ideas on what I might install on the AC line, either the input to the furnace or

Thanks in advance...as I now have to choose between having heat in the house or operating the rig.

`. / . /`  
**baltimoreemd@baltimoreemd.com                  Thom LaCosta K3HRN Webmaster**

-----

The original circuit had about -20 dB of 2nd harmonic suppression. At the time it was built, there were no spurious emissions requirements for ham gear. Since that time, the FCC requires 30 dB of suppression for <5W on HF. The original TT2 is grandfathered, but new units should use the additional filtering I described in my article on the TT2. See <http://www.arrl.org/tis/info/qrphome.html> and follow the linkage.

-----Original Message-----  
From: Steve McDonald [mailto:[jsm@gulfislands.com](mailto:jsm@gulfislands.com)]  
Sent: Saturday, December 09, 2000 6:34 PM  
To: Low Power Amateur Radio Discussion  
Subject: TT- II - 20 / 10

Guess the low-pass output filter on my 20m Tuna Tin needs a second

stage.....just worked YV4A on 10m CW on the Tin's second harmonic!! I'm estimating about 40-50mW out on the 28.120

Steve / VE7SL

-----  
Date: Mon, 11 Dec 2000 09:05:38 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [86038] Announcement: Dual Cub Fox Hunt on Wednesday  
Message-ID: <3A34ED42.B96E66D@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Double your fun!

N0IT will join VE3FAL, the other cub fox on Wednesday night, December 13. As usual I will start at 2000 Central time (this will be 0200Z on Thursday morning, 14 December). This will be my makeup from last week.

To avoid interfering with the other cub fox, I will setup at the lower end of the band, probably around 7.117 plus or minus the qrm. If I'm forced to get closer to the other fox because of qrm / broadcast, etc, please don't set your offset so high that you interfere with the other hunt. Hopefully though we should be separated by at least 20 khz.

Per the FOX rules, my CW speed will be as close to ten wpm as I can make it. I prefer that you send your call twice, listen for a response, then send it maybe one more time. I will give your call at the beginning and end of my report. If I catch a partial call, I will come back with something like K8R? Be alert and give me a quick fill but only if that is close to your actual call.

BTW, I'm located in state of Missouri. I just noticed on the calendar that I'm still listed as MS.

Here's hoping for great propagation and a good hunt. Will be colder than you know what here in Missouri, so I definitely will be home and there shouldn't be any qrn to speak of. This should be a great chance for everyone to grab two pelts in short order. See you Wednesday evening.

72/73 de Dave, N0IT

-----

Date: Mon, 11 Dec 2000 10:18:57 -0500  
From: fflynn@together.net  
To: Craig LaBarge <craig.a.labarge@lmco.com>  
Cc: qrp-l@lehigh.edu  
Subject: [86039] Foot in mouth  
Message-ID: <3a34f061.5961.0@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm sorry that I didn't happen to notice the posting.  
I'll try to look a little before I leap next time.

A couple months back, Brian N1BQ and I did some  
operating from the trail on the Vt/Nh border. It  
was fun, I'll subscribe to the AT list. Thanks.

Next time I'll read a little before I open my trap!

In general though, there are a lot of posts on qrp-l  
that are obsolete by the time I read them in digest mode.  
I guess the only way around that is check the archives  
on the web now and then.

72 de Km1z

>Fran:

>

>Ron, WB3AAL, posted his operating schedule on Friday and Saturday before  
>his trip. I don't recall, however, if he posted them to QRP-L or not.

>He usually does, though.

>

>In any event, if you have a particular interest in the EPA-QRP  
>Appalachian Trail Awards Program, I would recommend subscribing to the  
>A-TRAIL mailing list. That way, you can make sure you get all of the  
>notices from folks heading out to the Trail. There are only a few  
>messages posted per week, so the traffic volume is very light. To  
>subscribe, drop an email to Ron, WB3AAL at:

>

>wb3aal@fast.net

>

>73, Craig LaBarge, WB3GCK

>EPA-QRP #16

>

>

>

-----  
Date: Mon, 11 Dec 2000 07:20:13 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [86040] OT: Lost Key Found!  
Message-ID: <3A34F0AD.6D65D1C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

About 4-5 years ago my old Navy key (CLT 26001-B model), which I acquired in 1953 and used for 15,000+ (logged) CW QSOs, came up missing. After extensive searching, I gave up and bought a replacement (a very nice new Nye key).

Yesterday it was found while cleaning out a broom closet!

Now I can key my soon-to-be-built SMK-1 in style!

A great and unexpected Christmas present.

73, Phil W7OX

-----  
Date: Mon, 11 Dec 2000 10:27:16 -0500  
From: "kw3u@warwick.net" <kw3u@warwick.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [86041] finding your old qsl card  
Message-ID: <3A34F254.3DB3D0B8@warwick.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Possibly a bit off topic, but nonetheless.

When licensed in the mid sixties as a novice I made lots of qso's on 15m, to make a long story short, in the following years in school, navy, raising a family, I lost all the old equipment and qsl's...except one

from 1966 with sweden. Its been under plexiglass at my station for many

years with other treasures from the past and photo's. including my old general class qsl card. Hmmm says I. wonder what my novice qsl looked like?

On a hunch I typed in the swedish call in either buckmaster or qrz callsign

lookup and there was his email..Wow I'm halfway home. we exchanged



nice email's and caught up on 35 yrs of life, AND I got a nice JPEG of my original wn3erd card-suitable for framing.

Perhaps this may help someone else recapture a bit of the past.

72 Jim KW3U

-----  
Date: Mon, 11 Dec 2000 09:42:57 -0600  
From: Bcieslak@ra.rockwell.com  
To: qrp-l@Lehigh.EDU  
Subject: [86042] What IS "real" QRP?  
Message-ID: <0FAF997843.31F4ACD5-0N862569B2.005483B8@ra.rockwell.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

smckean@birch.net wrote"

" (kinda like, take an infinite number of monkeys and an infinite number of typewriters . . .)"

Oh Oh !!! He's on to us guys. He's discovered the source of over 90% of the traffic on this list.

On a more serious note... I am in this hobby or myself. When I am in the shack I am using ham radio to entertain myself.

I am not out to impress any one else nor do I worry about your about your opinions....I am having fun, stop trying to ruin for everyone with all the legalistic BS. Whining and moaning and trying to bring someone down is not QRP. BE ON NOTICE: you are no longer considered a QRPer until you learn to have fun and help others have fun.. QRP is not only a mode but it is an attitude, a positive attitude, and right now I am reading mail from a lot of self proclaimed QRPer's on this list who don't fit the mold.

Brian

-----  
Date: Mon, 11 Dec 2000 08:39:59 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [86043] K2 on PSK31 "We have a problem folks"  
Message-ID: <20001211163959.12349.qmail@web702.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

After a week of part time efforts, and with the help of good people on the Elecraft reflector we've found a fix for the K2/PSK31 drift problem.

I hope Phil & Charles will follow up this post and comment on K2/PSK31 freq shifting. They were the brains behind solving this problem.

Its not my sound card I'm glad to report, and nothing to repair on my K2.

The issue was narrowed down after we noticed that there is no drift/shift when in filter FL1 OP1. But in all narrower filters the K2 shifts freq on every over. Now we know that the K2 (software?) causes this, and a fix will be found I'm sure.

Putting the K2 into LOCK function stops the problem, as well as TX Lock on DigiPan. Or you can just use FL1 the wide open filter. If you change filters during a QSO you might have this problem too. But as long as you know about this, you can overcome it.

This weekend I scrounged 4 electronic parts and did the K2 IMD mod on my SSB board. Now I should see much better IMD than before.

That little mod was a blast. Found the resistors, and had to "fake it" on one 6K under spec. And the 22uF barrel cap was at the lowest end of the spec window.

My Elecraft K2 is #702, and its great to be able to get help from the friendly folks on the Elecraft reflector. And the builders resource webpage told me what to do to improve my IMD.

The K2 designers maybe didn't get it 100% right, but who does? And we have the resources to correct any imperfection. Building one's own radio has risks. But right now I'm basking in the rewards!!!

If you EVER wanted to build your own CW/SSB all band rig, this is it!

Can you solder and follow instructions? ;-)

See you on psk31 with no drifting here!!!

72/3's de Jim KJ5TF  
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Shopping - Thousands of Stores. Millions of Products.  
<http://shopping.yahoo.com/>

-----  
Date: Sun, 10 Dec 2000 22:19:00 -0700  
From: "Ron, KU7Y" <[ku7y@qsl.net](mailto:ku7y@qsl.net)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [86044] FOX HISTORY- The 1994/1995 Foxhunt - Complete Logs!  
Message-ID: <000301c06394\$28cff1c0\$4dc6a9d8@com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

I'd like to thank Kevin for all his work!

I just got the digest tonight and will look at the sites tomorrow.

Hopefully, others can continue doing this and build a complete history of the Fox Hunts.

Thanks again Kevin!

cul, Ron KU7Y  
Full time RVing somewhere in the West!

-----  
Date: Mon, 11 Dec 2000 12:27:25 -0500  
From: "John L. \"Jake\" Carter" <[jakecart@ix.netcom.com](mailto:jakecart@ix.netcom.com)>  
To: NoVa QRP group <[NoVaQRP@topica.com](mailto:NoVaQRP@topica.com)>, QRP-L <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>, NJ QRP Club

<njqrp@njqrp.org>, GQRP-L <gqrp@onelist.com>  
Subject: [86045] Namibia on 10m 1720Z  
Message-ID: <3A350E7D.930B0FC0@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

V51AS is on 28.021 at 1720 12Dec00. He is 579 here in Northern VA. Got a 559 with 4 watts to a 30m dipole. Use my "new" old Ten Tec Argosy -- not bad for a \$200 rig.

Good Luck,

Jake -- N4UY  
Vienna, VA  
(Wash DC suburbs)

-----  
Date: Mon, 11 Dec 2000 09:33:34 -0800  
From: schoon@amgt.com  
To: <qrp-1@Lehigh.EDU>, <nielsen@oz.net>  
Subject: [86046] RE: Elmer: Vertical Antenna Question  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BDC-001211173334Z-378@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I'd like to comment on the HF mobile comments on this thread. From the tests I've done with several HF mobile installations, I have come to the conclusion that the vehicle doesn't just simply become the 'other half' of the antenna. As I've been able to afford larger vehicles, I've noticed an improvement in HF mobile antenna efficiency. Sure, you're saying that's because the vehicle is making up a larger percentage of the missing antenna! My thoughts on this is the vehicle is also a large air dielectric capacitor! The vehicle is coupling itself to the ground below.... I have noticed that driving over different kinds of roads, bridges and soil makes a dramatic difference in the performance of the antenna. Field strength tests done in the desert versus near the ocean prove that the ground below plays a key roll in HF mobile antenna performance. The dry desert had slightly lower field strength readings than being parked where ocean water would saturate the soil beneath my vehicle. Just some observations on my part, maybe someone else has done the same experiments.

.mark

>-----

>From: Bob Nielsen[SMTP:nielsen@oz.net]  
>Sent: Sunday, December 10, 2000 10:51 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Elmer: Vertical Antenna Question

>

>Hi Tom,

>

>Yes, in a mobile installation the car acts as the counterpoise/radials.  
>However it is not very efficient, compared to a set of full-size  
>radials. A screen on the ground would be feasible, but it should  
>ideally extend a half-wavelength in all directions. Of course this is  
>impractical, as is often a large number of half-wavelength radial  
>wires.

>

>Of course with qrp, your transmitted power is lower than a qro station  
>and the antenna efficiency becomes more important.

>

>It isn't a case of all or nothing, however. Just as any antenna is  
>better than none at all, any sort of counterpoise (even just a ground  
>rod) is better than none at all. Often we need to compromise because  
>of practical considerations. The RSGB book "Practical Wire Antennas"  
>by G3BDQ has some good examples of ground screens and fitting radials  
>to available real estate. There is also a good discussion of radials  
>on the Butternut web site, <http://www.bencher.com>.

>

>Bob, N7XY

>

>On Sun, Dec 10, 2000 at 01:12:35PM -0500, Tom wrote:

>> This isn't exactly qrp, but if don't get myself a decent antenna, my signal  
>> isn't won't be going anywhere, so maybe it is qrp related, after all.

>> Anyway, thanks in advance for your help, it seems I'm learning more from  
>> this list than anywhere else.

>>

>> I've been reading about vertical antenna and understand that they need  
>> ground radials to act as the "other half" of the antenna. It's my  
>> understanding that in the case of mobile antennas, the car itself acts as  
>> the radial.

>>

>> My question then is, would it be feasible to place some sort of a screen  
>> down on tghe ground to act as the radial? This might be something loke a  
>> square piece of chicken wire or perhaps an old piece of chain link fence.  
>> If so, how big would it have to be? I'm thinking again of the automobile  
>> and that's pretty small (lengthwise) in comparison to a radial. I don't  
>> think overall mass enters into the picture, because they don't seem to care

>> what size wire you use for the radials.  
>>  
>> The next thought which comes to mind is to mount a vertical on top of an  
>> existing chain link fence (one that is in use and standing up in  
>> fence-fashion). Or perhaps immediately next to it. I'm sure this won't  
>> work, or I would have heard about it by now.  
>>  
>> So I guess to simplify my question...Why can a mobile antenna use a big  
>>hunk  
>> of metal (a car) and a stationery antenna needs a rather elaborate radial  
>> system?  
>>  
>> Once again, thanks for your help and for a great list.  
>>  
>> Tom McCulloch  
>> WB2QDG  
>>  
>> wb2qdg@arrl.net  
>  
>--  
>Bob Nielsen, N7XY  
>Bainbridge Island, WA  
>  
>  
nielsen@oz.net  
http://www.oz.net/~nielsen

-----  
Date: Mon, 11 Dec 2000 12:30:09 -0500  
From: "AI2Q Alex" <ai2q@ispchannel.com>  
To: <kw3u@warwick.net>  
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [86047] RE: finding your old qsl card  
Message-ID: <000501c06398\$02cc5be0\$5c32a7d0@ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Say Jim, another neat thing to do is look up ops for whom you have old QSL cards, and send the old cards back to them. I just received an old WA2IKT (my call in 1959) QSL card from NX1F, Joe in Burlington, Vermont. He and I were high-school ham buddies back in the early 1960s--and have since rekindled our friendship.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

kw3u@warwick.net

Sent: Monday, December 11, 2000 10:27 AM

To: Low Power Amateur Radio Discussion

Subject: finding your old qsl card

Possibly a bit off topic, but nonetheless.

When licensed in the mid sixties as a novice I made lots of qso's on 15m, to make a long story short, in the following years in school, navy, raising a family, I lost all the old equipment and qsl's...except one

from 1966 with sweden. Its been under plexiglass at my station for many

years with other treasures from the past and photo's. including my old general class qsl card. HmMMM says I. wonder what my novice qsl looked like?

On a hunch I typed in the swedish call in either buckmaster or qrz callsign

lookup and there was his email..Wow I'm halfway home. we exchanged nice email's and caught up on 35 yrs of life, AND I got a nice JPEG of my original wn3erd card-suitable for framing.

Perhaps this may help someone else recapture a bit of the past.

72 Jim KW3U

-----  
Date: Mon, 11 Dec 2000 12:44:42 -0500

From: Bill Coleman <aa4lr@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [86048] Re: Balanced Line vs. Coax Feed

Message-ID: <1001111124443.MAA00524@gate.iterated.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 12/10/00 5:34 PM, James R. Duffey at jamesd1@flash.net wrote:

>The window line will have an SWR of 9:1. If we use RG-213 at 50 Ohms we will  
>be operating at an SWR of 1:1. The matched loss of 450 Ohm line when clean  
>and dry is 0.16 dB or so at 7 MHz as given by Stewart in Antenna Compendium  
>6. The additional loss due to the 9:1 SWR in the 450 Ohm ladder line is  
>about 0.5 dB.

How did you get this? How can the feedline have four times more loss due to SWR?

True, the loss of the line affects the reflections caused by the

mismatched condition, but since most of the power is delivered, and not reflected, the losses in the reflections should diminish.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 11 Dec 2000 10:01:53 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86049] ZM-2 Front Panel Construction  
Message-ID: <20001211180153.47575.qmail@web9613.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I decided to seek suggestions before I drill as I am NOT a master craftsman! I plan to build mine in the stock container.

What I am thinking is to use the white label, attached before drilling. Has anyone used clear "contact paper" type stuff instead of spraying with clear lacquer?

All tips appreciated - ok to mail direct as this topic probably been on list enuff before. I plan to be making portable QRP QSO's over the holidays.

Curt WB8YYY

-----  
Do You Yahoo!?  
Yahoo! Shopping - Thousands of Stores. Millions of Products.  
<http://shopping.yahoo.com/>

-----  
Date: Mon, 11 Dec 2000 13:20:02 EST  
From: NB6M@aol.com  
To: qrp-1@lehigh.edu  
Subject: [86050] Re: Magnifier  
Message-ID: <24.e371e00.276674d2@aol.com>  
MIME-Version: 1.0



Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The Magnifier I use is a head mounted, flip up binocular type, trade name "Optivisor", made by the Donegan Optical Company. They come in a variety of magnification powers, and are available in such places as jeweller's supply houses and hobby shops. Can't remember what I paid for them, but it wasn't expensive.

I much prefer the head mounted style, as it goes where my eyes go, and doesn't get in the way of my soldering iron and other tools.

72

Wayne NB6M

-----  
Date: Mon, 11 Dec 2000 13:58:52 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: qrp-1@lehigh.edu  
Subject: [86051] Close one!  
Message-ID: <XFMail.001211135852.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Just a reminder to be careful.  
Today I decided to put up my 300' horizontal loop. I got the wire through the trees, and needed to secure one corner to a mast on the garage roof. Put ladder up on garage, climbed to top...and ladder came down, with me attached! (bottom slid on driveway. I SHOULD have had someone hold it, but in too much hurry. my right leg was under the ladder, and my 200 pounds came down on top of it, hard enough to bend the aluminum ladder.(about a 10' fall). Amazingly, I didn't break anything. Nasty scrape and bruise on leg, bruised right hip and elbow, and twisted ankle. Hobbling around now. Guess I'll finish the loop after I heal up. Guess my 56+ year old bones have enough calcium. Still, feel like I got hit by a truck.

So, next time you're messing with antennas, THIMK!

72/73

John W2AGN...who really does have a pain in the a\*\*

-----

Date: Mon, 11 Dec 2000 14:08:44 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, QRP Canada <qrp-canada@lists.gpfn.sk.ca>  
Subject: [86052] Fox Cub Hunt #16  
Message-ID: <3A35263C.8A56AE1D@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This is the first reminder to all that I will be the Fox Cub on Wed Dec 13(Dec 14 z) at 0200z on or near 7.125 +/- qrm,.....so look forward to working you all on Wed night...

Fred  
VE3FAL

-----  
Date: Mon, 11 Dec 2000 20:31:49 +0100  
From: mike.mhe@t-online.de (Michael Haugrund)  
To: hq@arrl.org, peter@barville.freeseve.co.uk, lz1fw@nettaxi.com, k1ar@cq-amateur-radio.com, crklub@mbox.vol.cz, g3rjv@gqrp.com, GQRP@onelist.com, hrs@hztk.tel.hr, qrp-1@lehigh.edu, zyg@morsum.demon.co.uk, hqpzk@pzk.org.pl, ve2zp@lynx.ve3jf.ampr.org  
Subject: [86053] Invitation to 9th O-QRP-Test  
Message-ID: <145Yft-1eKwUNC@fwd01.sul.t-online.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8BIT

DJ7ST@DB0ABZ.#NDS.DL.EU

QRP-Contest-Community (qrpcc)  
c/o Dr. Hartmut Weber, DJ7ST  
Schlesierweg 13  
D-38228 SALZGITTER  
Phone: +495341-50113

11-Dec-2000

The QRP-Contest-Community (qrpcc) cordially is inviting you to the

9th    O R I G I N A L   -   Q R P   -   C O N T E S T  
-----

The contest idea is to promote creative or unconventional QRP-hamming like homebrewing or just doing it without the 'luxury' QRO equipment from time

to time.

This event more than other contests has a meeting character. The result lists show that many operators are taking part only on one band for just an hour or two and without the intention of high scoring or even winning.

- - - - -

Participants: Operators of original QRP rig, commercial or homebrew, including industrial QRP rig exceeding 5w output like Elecraft K2, QRP Plus, SG 2020, FT-7 and QRP-versions of QRO-transceivers like TS-130 V, FT-707S etc.  
Stations with QRO-equipment (>20W out) temporarily tuned down to QRP will be listed as 'non Original'checklog.

Date: 30/31-Dec-2000 (1st weekend after Christmas Day = 25th Dec)  
-----

Time: Saturday 1500 UTC till Sunday 1500 UTC,  
rest period of 9 hours minimum in one or two parts.

Frequencies: CW segments of the 80-, 40-, and 20m band.

Call: CQ OQRP (=Original QRP)

Categories: V L P (1W out or 2W in) Q R P (5W out or 10W in)  
M P (20W out or 40W in) ( No QRO-category)

Operation: Single-op CW.  
Various TX/TRX may be operated, but only one at the same time.

Exchange: RST, serial-no./ category e.g. 559001/VLP.

QSO-Points: The log checker will count 4 points for a qso with another contest station whose log has come in.  
All other QSO count 1 point.  
Exchange of RST is sufficient with stations not in contest.

Multiplier: The log checker will count 2 multiplier points for each DXCC-country from a qso with a station whose log has come in.  
Otherwise each DXCC-country counts 1 multiplier point.

Final score: Sum of QSO-points multiplied by the sum of multiplier-points.  
(Calculated by the log checker. Don't try an own calculation: you can't foresee who will send his log and who will not).

So every log is welcome and important, even just 3 QSO on a picture postcard  
-----

Logs: List QSO sorted bandwise, please. Add the DXCC prefix if you claim a multiplier for a QSO.

Summary sheet: must show name, address, callsign and minimum rest periods. Indicate the types of all TX/TRX used with out- or input on each band according to manufacturer or measured under contest conditions. Homebrew rigs description should name pa-transistor/ tube and possibly a reference (e.g. SPRAT No.)

Deadline: 31-Jan to: Dr.Hartmut Weber, DJ7ST, Schlesierweg 13,  
D-38228 SALZGITTER, Germany. Via Packet to DJ7ST@DB0ABZ

- - - - -

P.S. If you don't know us yet:

The QRP-Contest-Community (qrpcc) is a supra-national network of qrp enthusiasts (at present 170 promoters from 12 nations) pursuing the organization and promotion of QRP Contests succesfully since 1992.

The qrpcc may be viewed as a support group taking care of the qrp'ers interests in a self-help manner.

Since 1996 the qrpcc carries out the ORIGINAL-QRP-Contest, designed for genuine QRP gear. The HOMEBREW & OLDTIME-EQUIPMENT-Party (HOT-PARTY) since 1997 also is organized by qrpcc. The newest qrpcc event is the QRP-MINIMAL ART-SESSION which started at Ascension Day this year.

The promoters of qrpcc are private persons supporting the idea by personal participation in organizing, log-checking, printing address labels etc. or by contributing to postage costs. Because of its international design the qrpcc does not seek any affiliation with national ham radio organizations but is open to any friendly cooperation.

All results of the 8th ORIGINAL-QRP-CONTEST have been mailed by Packet Radio into <qrp> or <contest> earlier. They have been uploaded into the I-net by DF2OK, too. All participators of the last 2 OQRPCs will receive another info-letter by post along with comments, statistics, summary&log sheet etc..

Hpe cu in the 9th ORIGINAL-QRP-CONTEST at 30/31-Dec-2000!

Best 73/2 de "Hal", Hartmut, DJ7ST

(mailing done by df2ok)

-----  
Date: Mon, 11 Dec 2000 20:31:53 +0100  
From: mike.mhe@t-online.de (Michael Haugrund)  
To: hq@arrl.org, peter@barville.freeseve.co.uk, lz1fw@nettaxi.com, k1ar@cq-amateur-radio.com, crklub@mbox.vol.cz, g3rjv@gqrp.com, GQRP@onelist.com, hrs@hztk.tel.hr, qrp-1@lehigh.edu, zyg@morsum.demon.co.uk, hqpzk@pzk.org.pl, ve2zp@lynx.ve3jf.ampr.org  
Subject: [86054] Ready for 13 th HOT-PARTY logs  
Message-ID: <145Yfx-1eKwUOC@fwd01.sul.t-online.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8BIT

Ready for HOT-PARTY logs  
DJ7ST @ DB0ABZ.#NDS.DEU.EU

Dear contestants,  
you may have noticed the sysop's strike here in DL since Nov 24th.  
So your HOT-PARTY-log sent by Packet Radio may not have arrived  
in my mailbox DB0ABZ. If you did not receive a "cfm log" from me it  
definitely has not.  
Even worse, if you trusted in the reliability of PR you may  
not have noticed that "undelivered mail" feedback.

So I decided to prolong the deadline to give you another chance for  
sending your log by packet radio (received logs from G2HLU and OK2BTT  
by post in the meantime).  
The sysop's strike has come to an end this evening (Sunday, 10th of Dec).

So I'm looking forward to your HOT-PARTY-logs again now. Thank you!

73/2 "Hal", DJ7ST

(mailing done by df2ok)

-----  
Date: Mon, 11 Dec 2000 14:30:16 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'k3tks@u1.abs.net'" <k3tks@u1.abs.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [86055] RE: Pacemaker - RF  
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C872@kahless.arrl.org>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

I have seen a study done in the mid 80s that showed how pacemaker immunity increased from a few volts/meter to over 100 volts/meter. The old adage about avoiding microwave ovens is not true for modern pacemakers.

73,  
Ed Hare, W1RFI

-----Original Message-----  
From: George Gingell [mailto:k3tks@u1.abs.net]  
Sent: Saturday, December 09, 2000 2:06 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Pacemaker - RF

Just read the Digest and thought that I would offer a few comments.

Before my early retirement from Lucent Technologies in 1996, I did Telephone Systems Repair for the U.S. Government in Rockville, Maryland.

Home of the U.S. Department of Health and Human Resources, The U.S. Public Health Services and the Food and Drug Administration (FDA).

We had a small Amateur Radio Club at the Main Building at 5600 Fishers Lane. Many of our members were Employed by FDA/CDRH.

I seem to recall a discussion concerning Pacemakers and Ham Radio. As I recall, it was not considered a problem at that time. Very early Pacemakers may have had some problems, but I believe those problems have been corrected long ago.

Just to be sure and to get the most current information, I would recommend checking for their website.

D.H.H.S./FDA/CDRH

The Center for Devices and Radiological Health, Division of Physical Sciences is located at 12721 Twinbrook Parkway, Rockville, MD.

It comes under the Food & Drug Administration (FDA).

Try FDA (800)532-4440 or DHHS Info 202-619-0257 or 877-696-6775.

Sorry, I can't give you a Direct Number to the CDRH Division Director.

This is one of those questions where it is best to go directly to the

source for your information. CDRH is the Division of FDA that Tests all Medical Devices.

Anyone seen an Altair 6800 CPU? They had one in the labs at CDRH. Guess what it was programmed to do? Test Pacemakers !

They also had several old versions on display.

One other tidbit I recall from my tour of the lab, was that All Pacemakers that are removed from a patient comes to them for testing.

I guess that is to make sure that it was not the cause of death?

I would also check with ARRL, I seem to recall an Article on the subject at some time in the past.

At QRP power and HF operation, I am reasonably sure that you will have no problems.

No, I am not a Doctor. Just a nosey old telephone man...

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems  
Notary Public and Locksmith Services  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301)572-6789  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

-----  
Date: Mon, 11 Dec 2000 14:57:36 -0500  
From: "Pastor-KC1DI" <elbc@pivot.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [86056] (OT)PSK31 and the Ten Tec Scout/ Argo 555/556  
Message-ID: <005b01c063ac\$9ce2ae00\$e27961ce@elbc>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There is a problem when attempting to run PSK31 on the Ten Tec Scout /

Argo.. It jumps Frequency. This is due to the Radio.. and the PT0/ Computer compensation that Ten Tec uses.. and it varies widely sometimes between individual Scouts..

Here is the Method I've used with my Scout that has netted almost 300 Qso's so far.. I've been asked several time how i've done it and thought I'd list it here for all to see.

1. Run the the Scout with the Rit on.. This disables the Computer frequency correction. and the drift on my Scout is not too bad .
2. once you make contact witht the other Station Lock the TX frequency in Digipan. Don't know if other Software has the same Function or not..
3. use a small fan (i salvaged one out of an old Computer and cool the Heat sink.. don't exactly know why but this did make and improvement in the drift.
5. Keep the Power down.. I run no more than 10watts PsK.. most of the the time less than five.. Don't over drive the rig.. you should never see the ALC light come on during a psk transmission.. I set the rigs Mike gain at about 12 O'clock and then adjust sound card audio controls on the computer to give me about 15watts output on PsK.. Then reduce the Mike Gain to 10w or less.. about 2 watts on the Argo.. should work.

Hope this helps those that had asked.. sorry for the band width.. but could not remember the addresses of the questioners.  
73 DAVE KC1DI

-----  
Date: Mon, 11 Dec 2000 11:43:06 -0800  
From: Charlie Panek <charlie\_paneke@agilent.com>  
To: qrp-1@Lehigh.EDU  
Subject: [86057] Re: Need homebrew data.  
Message-ID: <3A352E4A.78A879C0@agilent.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

-----  
---  
>  
> I have two questions concerning components for use in homebrew projects.  
>  
> First, where is all the data on the Motorola RF transistors found? I've  
> searched the net but it seems the links are for the most part invalid.  
>



[...]

> Thanks

> Alex, N4BYJ

Alex:

Since I haven't seen much response to your first question, I'll take a stab at it. I may be mistaken, but I seem to recall hearing recently that Motorola is getting out of the \*Bipolar\* RF power transistor market. Visiting their web site seems to lend weight to that recollection. They have lots of MOSFETs, and what bipolar parts they have are intended for UHF/ Microwave applications. What they're selling is indexed at:

<http://mot-sps.com/rf/dslist/dsindex.html>

They've also split off their generic discrete semiconductor business, along with jellybean digital logic and analog parts, as "On Semiconductor" ( <http://www.onsemi.com/> )

You've gotten some pretty good advice on your second question, but I'd like to suggest an alternative to an expensive frequency counter with an ultra stable time base: Use a stable general coverage receiver, then tune in your oscillator in SSB mode and measure the audio frequency beat note with a cheap counter. As long as your receiver is stable (and most should be pretty good short term), and you don't bump the dial, I'd think you should be able to get consistent results within 10 hz or so. FWIW.

72,

Charlie KX7L

--

Charlie Panek  
mailto:charlie\_panek@agilent.com  
Agilent Technologies Inc.  
Everett, Washington

-----  
Date: Mon, 11 Dec 2000 15:31:20 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [86058] OT: Christmas Day Eclipse  
Message-ID: <00a101c063b1\$57bc66e0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone know offhand how far south or the track the eclipse will take on Christmas day?

I know it hits Boston, but I'll be out of state with the kids. Be a shame to miss that...

Mike

-----  
Date: Mon, 11 Dec 2000 15:31:01 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [86059] Cub FOX hunt tonight  
Message-ID: <200012111531\_MC2-BE37-C439@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

K0EVZ will be the Cub FOX on this evening 11 Dec 2000, at 2100 Eastern Time in the USA (this will be 0200Z on Tuesday morning, 12 Dec 2000). I will be filling for Ronnie Davis KE4VPN, who had to withdraw because of a previous commitment. =

Planning to set up somewhere between 7.140 and 7.150. Per the Cub FOX rules, my CW speed will be as close to 10 wpm (word spacing) as I can make it. Feel free to come back a bit faster, if you want, but the intent is to make this a slow speed hunt.

Here's hoping we have great propagation and a good hunt. This should be a great chance for everyone to grab a pelt. See you tomorrow evening.

72,  
--Doc/K0EVZ =

-----

Date: Mon, 11 Dec 2000 15:42:49 EST  
From: Shepherd@aol.com  
To: <fpqrp-1@mpna.com>, <qrp-1@lehigh.edu>  
Subject: [86060] Need your articles!  
Message-ID: <62.9e80dbc.27669649@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello one and all!

It's time for me to once again ask for your articles, stories, pics, etc. for the January Flying Pigs Bacon Bits newsletter.

Please send them to n8ie@aol.com

Happy Holidays es 72, oo  
Dan, N8IE

-----  
Date: Mon, 11 Dec 2000 14:52:53 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Phil Wheeler" <w7ox@earthlink.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [86061] How to troubleshoot mystery problems  
Message-ID: <00a901c063b4\$55290a70\$5ac07481@rohredt2000>

The car alarm problem is a good exercise in how to trouble shoot, and as such should be fodder for QRP-L.

First of all, when you have a problem develop that is mysterious, retrace the history of the device, (car in this case.) It went in for 60k mile service you said.

Now, find out exactly what was done? Did you take off the battery cable at some point, and perhaps did not tighten it enough, and have created a higher resistance that may be a factor in alarm functioning? Did they do anything else electrical? Did they adjust anything electronic or electrical? By a process of question check lists, you should be able to find some common thread that ties into the symptom now seen. Always go back to the basics, ask everything, assume nothing.

Good Luck and 72,  
Stuart K5KVH

-----  
Date: Mon, 11 Dec 2000 15:09:46 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <ac7a@gci-net.com>  
Cc: <qrp-l@Lehigh.EDU>  
Subject: [86062] cap degreasing  
Message-ID: <00af01c063b6\$b09b7670\$5ac07481@rohredt2000>

Tom,  
A solvent like the VarSol that mechanics use will soften the grease. Get as much out first with a tooth pick or bamboo skewer like a shish ka bob uses. Then squirt some Var Sol in and use paper towel or q tip to remove and soak up solvent softened grease.

You do not have to be perfect here, and other things that might work include W D 40 and just heating up the cap with a hair dryer and digging the melting grease out. Replace it with Dow silicon 44 ball bearing grease if you can get some, or Lubriplate, (which is probably the original), or even axle grease. Don't overload the bearing with grease, as the electrical connection may be made by metal contact of the balls with the race, although there should be a flat brass spring to take current around the bearing. Don't put so much grease that it gets under the spring contact area on the shaft or frame member.

Good Luck,  
Stuart K5KVH

-----  
Date: Mon, 11 Dec 2000 14:28:38 -0700  
From: "bob baxter" <rbaxter@cybertrails.com>  
To: <wb8yyy@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [86063] Re: ZM-2 Front Panel Construction  
Message-ID: <002001c063b9\$5545a0e0\$da142aa2@bobbaxte>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-----  
>What I am thinking is to use the white label, attached  
>before drilling. Has anyone used clear "contact

>paper" type stuff instead of spraying with clear  
>lacquer?

I used Ace Hardware 2" clear packing tape over white paper label with good results for the front panel of my keyer. I use clear double faced carpet tape to attach the label.

Bob Baxter AA7EQ

Bisbee, Az.

-----  
Date: Mon, 11 Dec 2000 22:08:08 +0000  
From: Larry S Cahoon <wd3p@juno.com>  
To: kj5tf@yahoo.com, qrp-1@Lehigh.EDU  
Subject: [86064] Re: ARRL 10M @ milliwatts & mW/M  
Message-ID: <20001211.221342.-400787.2.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Good job Jim,

>  
> I was able to work up and down the band makeing  
> contacts non stop as long as I wanted to. At a  
> fraction of a watt. Might be a fun way to work WAS, or  
> DXCC.

>

>

Sound like a good challenge. I've got a head start on the states - 43 QRP from the mobile, but only 13 QRPP from the mobile.

73 de Larry.....WD3P in MD

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 11 Dec 2000 22:02:04 +0000  
From: Larry S Cahoon <wd3p@juno.com>  
To: w2agn@pobox.com  
Cc: qrp-1@Lehigh.EDU

Subject: [86065] Re: K2 Milliwatting in the 10 Meter Contest  
Message-ID: <20001211.221342.-400787.0.wd3p@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

You are right. I plead guilty. I violated every rule in the book. You forgot rule #13 make your own capacitors and resisters, rule #7 you have to manufacture you own case for the rig, rule #4 mine your own minerals to manufacture all those components, and most importantly rule #1 - every bit of energy to manufacture the components and run the rig must come from the sweat of your brow.

73 de Larry.....WD3P

On Mon, 11 Dec 2000 08:11:57 -0500 (EST) "John L. Sielke" <w2agn@pobox.com> writes:  
> At first glance this looks like "real" QRP, but note, Larry was  
> running a K2!  
> Much too high tech a rig for "real" qrpers.(Rule #63) Any rig  
> costing over \$150  
> as a kit or in parts is not "real" qrp, either.(Rule #92) Sorry,  
> Larry, have to  
> disallow this. (Oops, I bet you used a keyer, too, instead of a  
> straight  
> key, or rubbing 2 wires together. (Rule #122) SHAME!.

---

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<http://dl.www.juno.com/get/tagj>.

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Date: Mon, 11 Dec 2000 14:44:43 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [86066] Return of the Golden Fox  
Message-ID: <000501c063c3\$f84f6820\$dddcfc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ladies and gentlemen of the fox hunting community, good evening and welcome once again to our Forty Meter Playhouse. This season we are pleased to present a revival of that popular play, CQ FOX, that has pleased sell-out

crowds in years past. This has certainly been the best-received play in our repertoire.

After several seasons touring Europe, Asia, and South America, the popular Golden Fox, N6WG, now returns to our stage to portray the lead character, Fox. His performances in past presentations have always filled the house with enthusiastic audiences. We invite you all to attend this gala opening Friday, December 16 UTC (Thursday evening, local time). The curtain goes up at 0200 UTC.

The Golden Fox has asked us to announce that he enjoys interacting with the audience, and will be particularly attentive to the audience between rows 7040 and 7044. Those seats should fill up quickly.

Please obtain your tickets early for this outstanding theater event. Tickets may be obtained by calling the theater box office at FOX-HUNTR, through Mr. Ticket on-line, or at the door. We hope you will enjoy this presentation.

Thank you and good evening.

The Management  
Forty Meter Playhouse  
for N6WG The Golden Fox

-----  
Date: Mon, 11 Dec 2000 15:50:26 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [86067] Jupiter from Ten Tec also Pegasus  
Message-ID: <Pine.LNX.4.10.10012111543370.1341-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Today I went back to Sam's home w0yu and we loaded the Pegasus software he got free from the Ten Tec web page and when we brought it up the screen on the Jupiter radio went blank with the picture of a horse, and we could tune and operate the radio from the image of a radio on the computer. Tuning the frequency was strange until you got the hang of things, and the other stuff worked just fine.

After playing with the radio on the computer for 30 minutes we turned it off and removed the parallel port cable and agreed anyone who bought the Pegasus radio was not happy. At least Sam and I would not be. I

don't think Sam will ever hook it up again.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 11 Dec 2000 12:37:24 -0000  
From: "M05aaa01" <merryprankster@CWCOM.NET>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [86068] Re: Variable Cap Bearing Grease / ultrasonic cleaner  
Message-ID: <000401c063c5\$0f1deb20\$91cc2cc3@M05aaa00>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

They seem to sell a kind of small ultrasonic jewellery cleaner in ARGOS / UK,  
for a few quid 20'sh I wonder if one of these would clean, electronic bits and pieces. They are a lot smaller than the "proper" jewellers versions. I have been thinking of buying one.  
Maybe I can get one on that 30 day refund a lot of store have.  
Then if its as useful as that, Ice fireguard, glass hammer, I can take it back!  
Bob

-----  
Date: Sun, 10 Dec 2000 21:02:31 EST  
From: Rick McKee <kc8aon@juno.com>  
To: jamesd1@flash.net, qrp-l@Lehigh.EDU  
Subject: [86069] Re: Balanced Line vs. Coax Feed  
Message-ID: <20001211.175116.4239.0.kc8aon@juno.com>

>  
>While balanced feeders have lower loss than coax into a matched load,  
>there  
>can be exceptions to the general rule of thumb that balanced feeders  
>always  
>have lower loss than coax. In particular, for single band resonant  
>antennas  
>I think the choice between coax and balanced line feeders is a wash.  
>



>Consider a 40 M dipole erected at a height where the impedance is 50  
>ohms.

>

>The window line will have an SWR of 9:1. If we use RG-213 at 50 Ohms  
>we will

>be operating at an SWR of 1:1. The matched loss of 450 Ohm line when  
>clean

>and dry is 0.16 dB or so at 7 MHz as given by Stewart in Antenna  
>Compendium

>6. The additional loss due to the 9:1 SWR in the 450 Ohm ladder line  
>is

>about 0.5 dB. This amounts to a total loss of 0.65 dB or so in the  
>feed line

>system.

>

>At 7 MHz, RG-213 has a matched loss of 0.56 dB. So, at least for this  
>example, the difference between window line and coax is a wash.

>

>But we need to consider the whole system. The balanced line feeder will  
need a tuner. (snip)

AH - HA ! You are very right in everything you stated, but what about  
the many operators I hear on the list with room for only one antenna ?  
Feed that dipole with coax and you are fine on "one band only", try to  
load that 40 meter coax fed dipole on 20 meters with a tuner and what  
happens ? The damn swr goes sky high and so do the losses ! But feed  
the same antenna with balanced feedline and a tuner and you have a very  
usable system on several bands without all the trimming and measuring -  
just hang it and get on the air ! Do I beleive balanced line is the  
answer to all problems ? No, but I sure do enjoy operating anywhere I  
want without worrying about keeping up a giant spiderweb !

73 ... Rick, KC8AON

Willow Wood, Ohio

178' of wire, fed with 450 balanced feed & tuner - works 10 thru 160M

( And I get better signal reports on 75 meters with it than I did with my  
"resonant" 75 meter dipole ! )

-----  
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Date: Mon, 11 Dec 2000 15:11:25 -0800 (PST)

From: agtaylor@llnl.gov  
To: qrp-1@lehigh.edu  
Subject: [86070] OT: Question regarding care of aluminum antenna elements  
Message-ID: <200012112311.PAA14354@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

My main station antenna is about to come down for a good cleaning and overhaul. I suspect there is a 'best' aluminum cleaner to use. Could someone who has been through this process please enlighten me. I have both a OSH hardware and Home Depot stores available. OK, now that the stuff is shiny and clean, what should I put on the joints to KEEP them clean (or at least conductive!). I saw on the Butternut site that they have some stuff for aluminum tubing, some sort of a paste. Is there a more available source of such? What is it known by generically? Any special instructions for the overall process that I am undertaking?

By the way, this process is expected to take some time (with my schedule for the upcoming few months) and I have purchased another vertical to use in the interim. Its a Butternut HF2V and will also give me 80m capability (which I have never had before). The main antenna, by the way, is a Hy-Gain DX77 vertical.

I said this was off topic...but I suppose you need an antenna to run QRP, too (or to actually fulfil a sked for a new state !!!)

73 Allan K7GT

Pleasanton CA

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Mon, 11 Dec 2000 18:19:08 -0500  
From: "Victor Blackwell" <victor@brechnet.com>

To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [86071] Re: Jupiter from Ten Tec also Pegasis  
Message-ID: <003601c063c8\$c587e340\$5b5730d1@victor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I love these thirty minute evaluations. The radio is very easy to use and very intuitive. My nine year old took to it like a frog to a pond.

Vic AD8K

>

> After playing with the radio on the computer for 30 minutes we  
> turned it off and removed the parallel port cable and agreed anyone who  
> bought the Pagasis radio was not happy. At least Sam and I would not be. I  
> don't think Sam will ever hook it up again.

-----  
Date: Mon, 11 Dec 2000 18:39:11 -0500  
From: "Winston F. Jones" <winjones@ix.netcom.com>  
To: <edkess@epix.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [86072] Re: HW8 Transistor Sub Question  
Message-ID: <015401c063cb\$910e0560\$f73145cf@winjones>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The standard replacement is the 2N3904, which can be obtained inexpensively almost anywhere or for 59 cents from Radio Shack.  
73, Winston K4CWQ

----- Original Message -----

From: "Ed Kessler" <edkess@epix.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, December 08, 2000 21:18 PM  
Subject: HW8 Transistor Sub Question

> I'm working on an HW-8 that needs an AF board. The original transistor was  
> an MPSA20. ECG sub is ECG123AP.  
>  
> Will a 2N3053 work as a sub here?

>  
> Are there any readily available subs for the MPSA20?  
>  
> Thanks for any help.  
>  
> 73 and Happy Holidays  
> Ed AA3SJ  
>

-----  
Date: Mon, 11 Dec 2000 17:42:35 -0600  
From: "Stuart Rohre" <rohrer@arlut.utexas.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [86073] Coax vs. balanced line for 72 ohm case OR multifrequency cases  
Message-ID: <023f01c063cc\$09b94970\$5ac07481@rohredt2000>

Dr. Megacycle makes an interesting point but his premise is based on a single frequency of operation, as most coax fed antennas on low bands like 80 and 40 will exhibit 1:1 only at a single frequency, with the curve going up to 2:1 or worse either side of the resonant point. I always find that resonance is a singular frequency event with simple antennas. What if I want to operate more of the band than 7.040?

The comparison with coax gets better if one uses 72 ohm ladder line, that used to be available in USA, and is still apparently, available in UK, from what G4WIF and others have said. In the case of transmitting 72 ohm twin lead, the loss for parallel line may be lower than ham grade coaxes. I am not going to say there is not a Teflon, military grade, expensive and hardly available low loss coax., of equally good character. The loss for a theoretical 72 ohm line would be almost nil to the dipole at optimum height. And it would be 1.5:1 for the same dipole fed with 50 ohm coax. Now 72 ohm coax could be used, and maybe we would again get close to a wash in losses, but the mechanical and cost issues must be realized. By the very nature of having more air than coax as insulator, various ladder lines are lighter and can be used with readily available copper wire of smaller gauges than you would use with coax. This translates into economic savings.

But, the point most using ladder line feed were making is that few hams operate on ONE FREQUENCY, in ONE BAND, and fewer still can have multiple individual single frequency/band dipoles. I have long advocated resonant antennas, but find, for multi frequency operations with modern rigs, a transmatch is a very practical, useful, compromise. Ladder line compares well to coax when comparing multi band and multifrequency operation with one antenna.

With a good quality transmatch like the Johnson Matchbox, you have very

little loss for a big benefit of being able to move around in frequency and to other bands. I found no loss difference between the Dentron Super Tuner, and a Dentron Jr. Tuner both used with same QRP rigs and antennas for Field Days. There was no receive loss switching between them, and no apparent transmit loss in terms of getting out to the same areas of North America and the other ARRL sections. There are optimum lowest loss settings for Tee circuit transmatches, but overall I think we fear our baluns and transmatches loss far more than is warranted.

True balanced transmatches are better than using a single ended one and lumped balun. Z Match circuits are very attractive for all band uses but may not be fully balanced. But like most other things, an antenna and feed must be considered a system of electronic and mechanical performance and we must trade off what would be optimum to do vs. what our site resources allow us to do.

We probably suffer far more signal reduction in not putting up antennas as high as is optimum for the given type than we lose in transmatch or balun. Certainly, if we are to credit the repeated postings of not being able to hear station X on the in the shack random wire, and X was 3 S units stronger on the outdoor dipole, then we are seeing variance due to antenna siting and height of several dB, not a fraction, or even 1 dB for the feedline choice or use of a matching network.

Having used attic antennas vs. outdoor antennas of similar wire types, I find the outdoor antenna is always the better performer. But, I did not take down the attic ones, and my flexibility was rewarded when the weather did a number on the outdoor wire, I still had 3 attic dipoles to use. I did finally have one of those fall, interestingly enough. I never could find out if I had a rodent attacker, or random fishing support line failure. I guess I am saying that there are compromises in all we do. Some offer more operating choices, and each must try as much as they can to know what works "best" for their preferred operating scheme. Don't be afraid to try some antenna or feed. Make sure you have experienced it with an adequate trial period of some months at least. A modest investment may show you more variety in your operations. There is not single antenna system that will do everything.

72, Stuart K5KVH

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End of QRP-L Digest 2033

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